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REMEDIATION OBJECTIVES REPORT/ REMEDIAL ACTION PLAN/ REMEDIAL ACTION COMPLETION REPORT

for

THE ROGERS PARK SUB-SHOP EAST PARCEL CHICAGO, ILLINOIS

Prepared for

THE PEOPLES GAS LIGHT and COKE COMPANY

MAY 2002

PROJECT NO. 27194

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EXECUTIVE SUMMARY

This combination Remediation Objectives Report/Remedial Action Plan/Remedial Action Completion Report (ROR/RAP/RACR) presents and describes remediation objectives as well as remedial actions that were implemented on the Rogers Park Sub-Shop East Parcel (site) to accomplish the remedial objectives presented herein. This site is approximately 3 acres in size and is located at 6712 North Whipple Street in Chicago, Illinois. The ROR/RAP/RACR has been prepared by Burns & McDonnell Engineering Company (Burns & McDonnell) on behalf of The Peoples Gas Light and Coke Company (Peoples Gas) in accordance with requirements set forth in Chapter 35 of the Illinois Administrative Code (IAC), Part 740 – Site Remediation Program (SRP).

Peoples Gas currently owns an 8.4-acre parcel of land located in Chicago, Illinois referred to as the Rogers Park Sub-Shop Facility (formerly referred to as the North Shore Avenue Station). The Rogers Park Sub-Shop has recently been subdivided into three (3) separate parcels, East, Main, and Pond as follows:

- The East Parcel, approximately 3 acres in size, is a vacant lot, covered by vegetation and an unused paved entrance to the property. The address of the East Parcel, the subject of this ROR/RAP/RACR, is 6712 North Whipple Street.
- The northern and interior portion of the facility, approximately 5.4 acres in size, is referred to as the Main Parcel. The address of the Main Parcel is 6659 North Kedzie Avenue. A separate ROR/RAP/RACR was prepared for the Main Parcel and was submitted to the Illinois Environmental Protection Agency (Illinois EPA) in April 2002.
- The southwest central portion of the property, referred to as the Pond Parcel, is approximately 1.8 acres in size, and currently consists of vacant land. The Pond Parcel was recently sold by Peoples Gas. The address of the Pond Parcel is 6631 North Kedzie Avenue. A separate ROR/RAP/RACR was prepared for the Pond Parcel and a Comprehensive No Further Remediation (NFR) letter for unrestricted residential use was issued by the Illinois EPA for the Pond Parcel in March 2002.

The East Parcel, is the subject of this ROR/RAP/RACR. Other than a portion of one (1) structure (a transformer house that contained several transformers), no structures of any kind are known to have occupied the East Parcel.

The purpose of the ROR/RAP/RACR is to present corrective measures proposed to eliminate exposure to benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, naphthalene, and barium found in surface and subsurface soils on the East Parcel. Corrective measures to be implemented include the removal of surface and subsurface soil. This ROR/RAP/RACR describes soil remediation activities that were implemented and conducted in June 2001 and March 2002 on the Rogers Park Sub-Shop East Parcel.

Site Investigation (SI) field activities were performed on the East Parcel of the Rogers Park Sub-Shop in December 1999 and January 2000 by Roy F. Weston (Weston) in March 2001 by Carnow, Conibear & Associates, Ltd. (CCA), and in May and June 2001 by Burns & McDonnell. The SI Report was submitted to the Illinois EPA on January 31, 2002 and approved in April 2002. Thirty-two (32) soil borings (two (2) of which were converted to monitoring wells) were advanced and two (2) trenches were dug during the combined SI field events. Soil samples were collected from various depths, delivered to an analytical laboratory and analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) or benzene, toluene, ethylbezene, xylenes (BTEX), TCL semivolatile organic compounds (SVOCs) or Polynuclear Aromatic Hydrocarbons (PAHs), Resource Conservation and Recovery Act (RCRA) or priority pollutant metals and/or cyanide. Other samples were analyzed for Synthetic Precipitation Leaching Procedure (SPLP) metals, pesticides, and polychlorinated biphenyls (PCBs). On June 22, 2001, groundwater samples were collected from two (2) monitoring wells located on the East Parcel and three (3) monitoring wells located on the surrounding areas and were analyzed for TCL VOCs, PAHs, RCRA metals and total cyanide. During SI field activities, no source material, soil staining, odors or PID readings were observed in the surface or subsurface soils on the East Parcel. The Rogers Park Sub-Shop East Parcel Site Investigation Report, dated January 2002, presents the results of the SI activities. The SI Report for the East Parcel was submitted in January 2002 and conditionally approved in April 2002.

Exposure pathways identified for evaluation include soil ingestion, soil inhalation, soil migration to Class II groundwater and ingestion of Class II groundwater. A Tier 1 evaluation, in accordance with the Tiered Approach to Corrective Action Objectives (TACO), as specified in 35 IAC Part 742, was conducted to evaluate residential population exposures via these exposure routes. However, the construction worker exposure via inhalation of naphthalene was evaluated, because this Tier 1 objective is more stringent than the residential exposure. In general, exceedances of Tier 1 values for soil ingestion were identified in surface soils [typically within the surface and 3-feet below ground surface (bgs)] for a limited list of PAH constituents with the exception of a limited area, where the measured concentration of benzo(a)pyrene exceeded the Tier 1 screening level at 6 to 8-feet bgs. The Tier 1 level pertaining to inhalation of naphthalene by a construction worker was exceeded in one (1) shallow soil sample. SPLP barium exceeded the soil migration to Class II groundwater pathway in two (2) limited areas. No groundwater samples exceeded the Tier 1 levels for the ingestion of Class II groundwater exposure pathway.

The remedial objectives were established with the understanding that the future use of the East Parcel will be unrestricted residential. Therefore, the TACO Tier 1 PAH objectives pertaining to a residential population were used as remediation objectives for the East Parcel, with the exception of naphthalene, where the more stringent construction worker inhalation objective was established. All soil exceeding TACO Tier 1 values was removed. In order to further demonstrate that the TACO Tier 1 soil migration to Class II groundwater objectives for metals were achieved, remediation objectives were also established for SPLP barium, cadmium, chromium, lead, mercury, and silver.

In general, remedial actions included site preparation, waste characterization, excavation and off site disposal of impacted soil, confirmation soil samples, ambient air monitoring during construction, installation and maintenance of soil erosion and sediment control, backfilling excavated areas with gravel and topsoil imported from off site, and demobilization. Approximately 3,600 tons of special waste was disposed of at the Waste Management CID facility in Calumet City, Illinois.

Confirmation soil sampling was conducted in order to demonstrate that remediation objectives were met. Certain areas required additional excavation once initial confirmation sample results were obtained. These areas were excavated further and additional confirmation samples were collected and analyzed. Excavation continued until remediation objectives were met.

In accordance with 35 IAC Part 742 and Section 742.1015, Subpart J, no special conditions apply to the Rogers Park Sub-Shop East Parcel site. The remedial action is a final action, and a Comprehensive NFR Letter is anticipated. No institutional controls or monitoring are required.

The data presented in this ROR/RAP/RACR is accurate and complete. No further remedial activity is necessary on the Rogers Park East Parcel.

1.0 INTRODUCTION

In conformance with the Illinois Environmental Protection Agency (Illinois EPA) Site Remediation Program (SRP), defined in Chapter 35 of the Illinois Administrative Code (IAC), Part 740, The Peoples Gas Light and Coke Company (Peoples Gas) contracted Burns & McDonnell Engineering Company (Burns & McDonnell) to complete this Remediation Objectives Report/Remedial Action Plan/Remedial Action Completion Report (ROR/RAP/RACR) for the Rogers Park Sub-Shop East Parcel (site) in Chicago, Illinois.

Peoples Gas currently owns an 8.4-acre parcel of land located in Chicago, Illinois referred to as the Rogers Park Sub-Shop Facility (formerly referred to as the North Shore Avenue Station). The Rogers Park Sub-Shop has recently been subdivided into three (3) separate parcels, East, Main, and Pond as follows:

- The East Parcel, approximately 3 acres in size, is a vacant lot, covered by vegetation and an unused paved entrance to the property. The address of the East Parcel, the subject of the ROR/RAP/RACR, is 6712 North Whipple Street.
- The northern and interior portion of the facility, approximately 5.4 acres in size, is referred to as the Main Parcel. The address of the Main Parcel is 6659 North Kedzie Avenue. A separate ROR/RAP/RACR was prepared for the Main Parcel and was submitted to the Illinois EPA in April 2002.
- The southwest central portion of the property, referred to as the Pond Parcel, is approximately 1.8 acres in size, and currently consists of vacant land. The Pond Parcel was recently sold by Peoples Gas. The address of the Pond Parcel is 6631 North Kedzie Avenue. A separate ROR/RAP/RACR was prepared for the Pond Parcel and a Comprehensive No Further Remediation (NFR) letter for unrestricted residential use was issued by the Illinois EPA for the Pond Parcel in March 2002.

This report presents recognized environmental conditions and related constituents of concern (COCs) and remediation objectives for the East Parcel, in accordance with the Tiered Approach to Corrective Action Objectives (TACO) Tier 1 residential levels, presented in 35 IAC Part 742. TACO is the Illinois EPA's method for developing remediation objectives for impacted soil and groundwater in Illinois. TACO consists of the following approaches:

- Exclusion of exposure routes;
- Use of area background concentrations as screening tools or remediation objectives; and
- Three tiers for selecting remediation objectives

Other than a portion of one (1) structure (a transformer house that contained several transformers), no other structures of any kind are known to have occupied the East Parcel.

This report also summarizes the remedial plan designed to meet the remedial objectives, presents the results that confirm that the remedial action achieved the established objectives, and specifies special conditions, if warranted. This report follows a Site Investigation (SI) Report for the East Parcel that was submitted to the Illinois EPA on January 31, 2002 and approved by Illinois EPA in a letter dated April 24, 2002. The SI Report included:

- The Rogers Park Sub-Shop East Parcel Site Investigation Data Book (Burns & McDonnell 2001a)
- The Rogers Park Sub-Shop East Parcel Site Investigation Report (SI Report) (Burns & McDonnell 2002)

Remedial activities on the East Parcel were conducted during two (2) remedial events, the June 2001 event and the March 2002 event. During the June 2001 event, remedial activities were conducted simultaneously within the Pond, Main, and East Parcels. The remedial activities on the East Parcel were primarily conducted on June 19 and 20, 2001. Remediation was conducted north of the roadway in the East Parcel in June 2001 as part of the temporary parking lot construction. The remainder of the remediation on the East Parcel (south of the roadway) was conducted during the March 2002 event. As described above, separate SI reports and ROR/RAP/RACRs were prepared for the Pond and Main Parcels.

1.1 PURPOSE AND ORGANIZATION OF REPORT

The purpose of the ROR/RAP/RACR is to document remediation objectives, present an evaluation of corrective measures proposed to eliminate exposure to constituents of concern (COCs), present the corrective measures implemented to achieve the remediation objectives and demonstrate the successful completion of the remediation.

This report is comprised of the following sections:

Section 1.0 – Introduction

This section describes the purpose and organization of the report, summarizing general site information, including location, environmental conditions, site characterization, and future use of the site.

• Section 2.0 - Tier 1 Evaluation

This section summarizes the Illinois EPA Tier 1 evaluation for applicable exposure routes and presents chemicals of interest to be addressed further. The soil ingestion, soil inhalation, soil migration to groundwater, and groundwater ingestion exposure routes that were presented in detail in *The Rogers Park Sub-Shop East Parcel Site Investigation Report* (Burns & McDonnell 2002) are summarized.

Section 3.0 – Exposure Route Evaluation

This section identifies potential exposure routes and determines whether each route may be excluded from further evaluation based on the criteria established in Subpart C of TACO pertaining to the presence of source material and other pathway-specific requirements.

Section 4.0 – Remediation Objectives

This section summarizes the final remediation objectives for the East Parcel, evaluates all data with respect to the remediation objectives, and sets forth required corrective actions.

Section 5.0 – Remedial Action

This section summarizes the remedial action planned and implemented on the East Parcel.

Section 6.0 – Results

This section demonstrates that the removal actions achieved the site remediation objectives.

• Section 7.0 - Special Conditions

This section demonstrates that post-remediation monitoring and/or institutional controls are not required.

Section 8.0 – Conclusions

This section discusses the successful completion of the remediation by compliance with remedial objectives. This section also supports the issuance of a Comprehensive NFR Letter.

Section 9.0 – References

This section presents the references used in this report.

1.2 SITE BACKGROUND

1.2.1 Site Description

Peoples Gas currently owns an 8.4-acre parcel of land on North Kedzie Avenue in Chicago, Illinois referred to as the Rogers Park Sub-Shop Facility (formerly referred to as the North Shore Avenue Station). A site location map is presented as Figure 1. The Rogers Park Sub-Shop has recently been subdivided into the following three (3) parcels:

- The East Parcel, approximately 3 acres in size, is currently a vacant lot, an unused paved entrance to the property. The address of the East Parcel, the subject of this ROR/RAP/RACR, is 6712 North Whipple Street.
- The northern and interior portion of the facility, approximately 5.4 acres in size, is referred to as
 the Main Parcel. The address of the Main Parcel is 6659 North Kedzie Avenue. A separate
 ROR/RAP/RACR was prepared for the Main Parcel and was submitted to the Illinois EPA in
 April 2002.
- The southwest central portion of the property, referred to as the Pond Parcel, is approximately 1.8 acres in size, and currently consists of vacant land. The Pond Parcel was recently sold by Peoples Gas. The address of the Pond Parcel is 6631 North Kedzie Avenue. A Comprehensive NFR letter for unrestricted residential use was issued by the Illinois EPA for the Pond Parcel in March 2002.

This ROR/RAP/RACR specifically addresses the East Parcel as described above. Other than a portion of one (1) structure (a transformer house that contained several transformers), no other structures of any kind

are known to have occupied the East Parcel. The East Parcel is located approximately 1,000 feet northwest of the intersection of Albion Avenue and Whipple Street in Cook County, Chicago, Illinois (Figure 2). The legal description for the East Parcel is as follows:

THAT PART OF LOT 2 IN THE SUBDIVISON OF THE WEST HALF (IN AREA) AND THAT PART EAST OF LOT 2 CONTAINING A VACATED 33.00 FEET (BY RECORD) ALLEY, PART OF VACATED NORTH SHORE AVENUE, LOTS 16 THRU 27 INCLUSIVE AND LOT 15 EXCEPT THE NORTH 16.00 FEET AND LOT 28 EXCEPT THE SOUTH 16.00 FEET. ALL IN THE SOUTHWEST FRACTIONAL QUARTER, LYING NORTH OF THE INDIAN BOUNDARY LINE OF SECTION 36, TOWNSHIP 41 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDAN IN COOK COUNTY, ILLINOIS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID LOT 2 THENCE SOUTH 89°51'56" WEST, 103.03 FEET TO THE POINT OF BEGINNING; THENCE NORTH 02°40'47" EAST, 489.77 FEET; THENCE NORTH 89°51'56" EAST, 134.84 FEET; THENCE SOUTH 02°34'16" WEST, 7.60 FEET; THENCE NORTH 89°51'56" EAST, 118.16 FEET TO THE WEST RIGHT OF WAY LINE OF WHIPPLE STREET; THENCE SOUTH 01°04'44" WEST ALONG SAID RIGHT OF WAY LINE OF NORTH WHIPPLE STREET, 453.20 FEET; THENCE SOUTH 89°51'56" WEST, 125.23 FEET; THENCE SOUTH 02°34'16" WEST, 28.64 FEET; THENCE SOUTH 89°51'56" WEST, 135.77 FEET TO THE POINT OF BEGINNING.

1.2.2 Additional Background Information

Hanson Engineers Incorporated (HEI) conducted an investigation for Peoples Gas on the Rogers Park Sub-Shop and prepared a report entitled *Preliminary Site Investigation – North Shore Avenue Station Gas Storage Facility – Chicago, Illinois* dated July 1992. The objective of the HEI investigation was to determine if there was a potential for impacts associated with the former North Shore Avenue Station. The investigation encompassed 10.2 acres (the Main, East, and Pond Parcels). The investigation included a review of the environmental setting, historical documents provided by Peoples Gas, Sanborn maps, a water well survey and advancement of two (2) soil borings within the Main Parcel. The report concluded that below ground portions of the gas storage structures may be present and, if they are present, may contain precipitated tars, unless the tar was removed during demolition of the gas holder (Hanson 1992).

According to the HEI Report, in 1926, the site (Main, East and Pond Parcels) began operating as the North Shore Avenue Station, a manufactured gas facility. A 15-million cubic foot aboveground gas holder, formerly located on the west side of the property, stored manufactured and natural gas until it was dismantled in 1971. (The southern half of the holder was located in the Pond Parcel, with the remainder of the holder located in the Main Parcel). The gas holder was tar sealed until mid-1956 when the sealant was changed to oil. The gas holder was temporarily out of service between April and July 1956 when the holder was repaired and the sealant changed. The interior of the gas holder was steam cleaned and placed back in service July 18, 1956. At this time, a total of 40,000-gallons of tar was removed from two (2) 12,000 gallon buried tar tanks, the northwest holder invert and the tar dam and pump weirs. Also during

the 1956 outage, additional tar totaling 152,600 gallons was removed from the base of the gas holder and unspecified locations around the gas holder. The gas holder was disconnected and purged in 1969. Most tar tanks along the holder and the gas holder were removed in 1971. Specifications called for the removal of the gas holder and concrete pad, the settling tank, both oil tanks and seven (7) of thirteen (13) tar collection tanks from the property. It is unclear, from the historical records, what happened with the other six (6) tar collection tanks. The only structure associated with the original facility that was located on the East Parcel is a transformer house that contained a 1,000 gallon capacity transformer and smaller transformers. No other structures are known to have occupied the East Parcel. The approximate location of the former transformer house is shown on Figure 2.

Previous SI field activities were conducted by Roy F. Weston (Weston) in December 1999 though January 2000 and July 2000. During the Weston investigation on the East Parcel, three (3) soil borings (two (2) of which were converted to monitoring wells) were advanced, two (2) trenches were dug to a depth of approximately 8 feet below ground surface (bgs) and one (1) sample was collected from each trench, and five (5) surface soil samples were collected. Soil samples were collected from various depths, delivered to an analytical laboratory and analyzed for at least one (1) of the following parameters:

- Target Compound List (TCL) volatile organic compounds (VOCs);
- TCL semi-volatile organic compounds (SVOCs), or polynuclear aromatic hydrocarbons (PAHs);
- Resource Conservation and Recovery Act (RCRA) or priority pollutant metals; and
- Pesticides and polychlorinated biphenyls (PCBs).

In addition, SI field activities were conducted by Carnow, Conibear & Associates, Ltd. (CCA) in March 2001. The CCA report can be found in Appendix A of the *Rogers Park Sub-Shop, East Parcel Site Investigation Report* (Burns & McDonnell 2002). Seventeen (17) soil borings were advanced using direct push sampling equipment. Soil samples were collected from various depths, delivered to an analytical laboratory and analyzed for at least one (1) of the following parameters:

- TCL VOCs or benzene, toluene, ethylbenzene, xylenes (BTEX);
- TCL SVOCs or PAHs;
- RCRA metals; and
- Pesticides and PCBs.

SI activities were performed by Burns & McDonnell in May and June 2001. Twelve (12) borings were advanced to a depth of approximately 11 feet bgs using direct push sampling equipment. Boring locations were sampled using 4-foot long, 1.5-inch diameter stainless steel sample tubes with acetate liners. Soil samples were collected from various depths, delivered to an analytical laboratory and analyzed for at least one (1) of the following parameters:

- BTEX;
- PAHs;
- RCRA metals and/or cyanide; and

• Synthetic Precipitate Leaching Procedure (SPLP) barium, cadmium, chromium, lead, mercury and silver.

Two (2) soil samples were collected and analyzed for soil pH, total solids (moisture content), and percent organic matter. Groundwater samples were collected from five (5) monitoring wells on June 22, 2001. A total of five (5) groundwater samples were collected and analyzed for TCL VOCs, PAHs, RCRA metals, and total cyanide.

The results from both Weston and CCA were incorporated into the SI Report prepared by Burns & McDonnell in January 2002, subsequently reviewed and approved by the Illinois EPA in April 2002.

1.3 RECOGNIZED ENVIRONMENTAL CONDITIONS

No areas of visual staining or impacted material were identified on the East Parcel. During all field activities, source material was not identified. Certain COCs were observed at varying degrees in limited surface soil samples and in one (1) subsurface soil sample.

2.0 TACO TIER 1 EVALUATION

This section summarizes the TACO Tier 1 evaluations as presented in the East Parcel SI Report (Burns & McDonnell 2002).

2.1 CURRENT AND FUTURE LAND USE

The East Parcel is currently vacant, but maintains a drive for an additional entrance into the Rogers Park Sub-Shop Facility and is zoned for restricted manufactured use (M1-1) and single-family residence (R-2). A map of zoning for the site and surrounding areas is presented as Figure 3. Surrounding properties consist of residences and vacant land to the east and south, the Main Parcel of the facility to the west, and a residential development to the north. The future use of the East Parcel is unknown but is expected to be residential. The area surrounding the site is currently used for residential, commercial, and business purposes.

2.2 TIER 1 EVALUATION

As presented in the SI Report (Burns & McDonnell 2002), soil data was compared to Illinois EPA TACO Tier 1 residential screening levels for soil ingestion, soil inhalation and soil migration to Class II groundwater exposure routes. Table 1 presents a summary of constituents detected in at least one (1) sample and a comparison to the Tier 1 residential objectives for the soil ingestion, soil inhalation and soil migration to Class II groundwater exposure routes. The most stringent TACO Tier 1 value for naphthalene obtained from the soil inhalation pathway for the construction worker population was used. Measured concentrations that exceed the lowest Tier 1 objective are shaded. Constituents that were analyzed for but not detected in any samples are not presented in Table 1. As discussed in the East Parcel SI, no constituents exceeded the Tier 1 objectives for the ingestion of Class II groundwater exposure route. The exposure routes were evaluated using all the soil samples collected at or above the water table during the East Parcel SI field activities by Weston, CCA, and Burns & McDonnell. The following subsections summarize the East Parcel SI Report findings.

2.2.1 Soil Ingestion Exposure Route

Soil samples collected at the site were compared to TACO Tier 1 residential screening levels for soil ingestion. Some of the surface soil samples contained PAHs and arsenic at concentrations greater than their respective TACO Tier 1 residential objectives. Benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were the SVOCs that exceeded Tier 1 residential screening levels in a limited number of samples. As presented in the SI Report (Burns & McDonnell, 2002), the statistical 95 percent upper confidence limit (UCL) for arsenic in site soil was calculated to be 12.13 mg/kg, which is below the TACO metropolitan statistical area (MSA) concentration (13 mg/kg) for arsenic. Therefore, arsenic at the site was eliminated from further evaluation. The arsenic statistical calculations are presented in Appendix A.

2.2.2 Soil Inhalation Exposure Route

Soil samples collected at the site were compared to TACO Tier 1 residential screening levels for soil inhalation with the exception of naphthalene, where the more stringent screening level for a construction worker population was used. One (1) surface soil sample exceeded the soil inhalation exposure route for naphthalene.

2.2.3 Soil Migration to Groundwater Exposure Route

The Tier 1 soil migration to groundwater exposure route was evaluated using soil samples collected at or above the water table. Based on a review of the data and the soil boring logs, the presence of a continuous shallow aquifer has not been established at the East Parcel. Weston reported difficulty in collecting groundwater samples from the two (2) monitoring wells (MW03 and MW04) due to slow recharge. Also, Weston had difficulty obtaining static water level readings, due to the slow rate of recharge. However, assuming that the groundwater was continuous and not the result of perched conditions, the unconfined water beneath the site does not meet the definition of a Class I aquifer, as defined in 35 IAC, Subtitle F, Chapter I, Part 620 – Groundwater Quality, Section 210. Grain size testing performed on the silty clay and the soil permeability test supports this conclusion. At best, the water would be considered a Class II source of groundwater, as defined in the regulations. Therefore, as a conservative approach, soil analytical results from soil samples collected at or above the water table were compared to TACO Tier 1 levels pertaining to Class II groundwater.

Toxicity criteria in Appendix B, Table A of TACO for metals and cyanide are only applicable to Toxicity Characteristic Leachate Procedure (TCLP) or Synthetic Precipitation Leaching Procedure (SPLP) data, and analyses were for total concentrations for many of the constituents/samples. Therefore, pHdependent Tier 1 screening values were used for metals (Appendix B, Table D of TACO), unless TCLP and/or SPLP data was obtained. Measured values for pH ranged from 8.42 to 8.78. Appendix B, Table D of TACO presents values for pHs up to 9.0 for metals and cyanide and was used to screen inorganics unless SPLP data was available. No pH-dependent Tier 1 screening values were available for the following RCRA metals: barium, cadmium, chromium, lead, mercury, and silver. Therefore, SPLP data was obtained for select samples for barium, cadmium, chromium, lead, mercury and silver. Background concentrations for these metals are presented for counties within MSA in Appendix A, Table G of TACO. The site is currently zoned for restricted manufacturing use and residential. Because the future use of the site is for residential development, the published MSA background concentrations should not be used as the Tier 1 screening values for this pathway. In these cases, metals were screened against the corresponding toxicity criteria in Table A, Appendix B of TACO, and not the published background value in Appendix A, Table G of TACO. None of the samples analyzed for SPLP cadmium, chromium, lead, mercury, or silver exceeded the Tier 1 screening levels. The measured concentration of SPLP barium exceeded the applicable screening level of 2 mg/L for two (2) samples at depths of 3-feet bgs or less.

2.2.4 Groundwater Ingestion Exposure Route

Constituent concentrations in groundwater were evaluated for the groundwater ingestion exposure route using TACO Class II levels. Of the five (5) groundwater samples collected and analyzed in June 2001, no samples exceeded the Class II screening levels for the groundwater ingestion exposure route. Figure 3 shows the groundwater monitoring wells and surrounding area map.

3.0 EXPOSURE ROUTE EVALUATION

Remediation objectives do not need to be determined for a specific exposure route if it can be demonstrated that the exposure route does not exist based on criteria established in Subpart C of TACO (Illinois EPA 2001). The extent of COCs impact must be characterized and source material must not exist in order to exclude an exposure route. In addition, pathway-specific requirements must be met for each exposure route.

3.1 SOURCE MATERIAL EVALUATION

During SI field activities, odors and visual staining were not observed during investigation activities. No source areas were identified on the East Parcel. No material at the site meets the definition of source as defined in 35 IAC Part 742.305.

3.2 SOIL INGESTION EXPOSURE ROUTE

As discussed in Section 2.2.1, soil data was compared to Illinois EPA TACO Tier 1 residential objectives for soil ingestion exposure route. Tier 1 screening levels were exceeded for benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene in limited areas of the site, primarily in surface soils. Therefore, the soil ingestion exposure route will not be eliminated from further evaluation.

3.3 SOIL INHALATION EXPOSURE ROUTE

As discussed in Section 2.2.2, Tier 1 screening levels were evaluated for the residential exposure to soil via the inhalation exposure route with the exception of naphthalene where the more stringent screening level for a construction worker population was used. One (1) surface soil sample exceeded the soil inhalation exposure route for naphthalene. Therefore, the soil inhalation exposure route will not be eliminated from further evaluation.

3.4 SOIL MIGRATION TO GROUNDWATER EXPOSURE ROUTE

As discussed in Section 2.2.3, Tier 1 screening levels were evaluated for soil migration to Class II groundwater. Certain soil samples were analyzed for SPLP RCRA metals. All results were well below the Tier 1 levels except that the Tier 1 level was exceeded for SPLP barium in two (2) limited areas of the site, south of the access road. Had SPLP analyses been performed on all soil samples, the results would most likely be below the Tier 1 levels. No pH-dependent values are published for barium, cadmium, chromium, lead, mercury, and silver for pHs greater than 8.24; so, these metals could not be evaluated based on total analyses. Therefore, in the absence of comprehensive SPLP data, the soil migration to groundwater exposure route will be further evaluated.

3.5 GROUNDWATER INGESTION EXPOSURE ROUTE

Of the five (5) groundwater samples collected for this SI, no samples exceeded the screening levels for Class II groundwater ingestion exposure route. Therefore, no further evaluation is necessary.

4.0 REMEDIATION OBJECTIVES

This section identifies remediation objectives and remedial actions proposed to achieve those objectives at the Rogers Park Sub-Shop East Parcel site. Site remediation objectives were developed using TACO Tier 1 evaluations summarized in Sections 2.0 and 3.0, and as presented in Table 1. Remediation objectives only need to be established for those constituents that exceeded the residential Tier 1 levels. Also, the most stringent TACO Tier 1 remediation objective for naphthalene applies to inhalation by the construction worker population, so that value will replace the residential objective. A summary of the remediation objectives is presented in Table 2.

4.1 NUMERICAL REMEDIATION OBJECTIVES

The following remediation objectives, pertaining to soil on the Rogers Park Sub-Shop East Parcel site have been established. The remedial objectives are the TACO Tier 1 values pertaining to residential exposure, the TACO Tier 1 value pertaining to construction worker exposure for naphthalene only, and the soil migration to Class II groundwater exposure route. Specifically, soil must not exceed the following criteria:

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•	Benzo(a)anthracene
•	Benzo(b)fluoranthene
•	Benzo(a)pyrene
•	Dibenzo(a,h)anthracene0.09 mg/kg
•	Indeno(1,2,3-cd)pyrene0.9 mg/kg
•	Naphthalene
•	SPLP barium (south of the roadway) 2.0 mg/L
•	SPLP lead (north and south of the roadway)0.1 mg/L
•	SPLP cadmium (south of the roadway)0.05 mg/L
•	SPLP chromium (south of the roadway)1.0 mg/L
•	SPLP mercury (south of the roadway)0.01 mg/L
•	SPLP silver (south of the roadway)0.05 mg/L

These remediation objectives are intended to eliminate exposure to several PAHs present in concentrations above remediation objectives pertaining to a residential population with the exception of naphthalene which pertains to a construction worker population because it is a more stringent Tier 1 level. Remediation objectives for PAHs are applicable to the entire East Parcel. Also, although SPLP data was presented in the SI Report indicating that only SPLP barium was exceeded in two limited cases (south of the roadway), remediation objectives for SPLP lead were established for the entire East Parcel, and remediation objectives for SPLP barium, cadmium, chromium, mercury and silver were established for soil south of the roadway, strictly to support and supplement the SPLP data obtained in the SI. Remediation objectives were established to obtain a Comprehensive NFR Letter, as identified in Subpart F of 35 IAC Part 740, based on unrestricted residential property use.

5.0 REMEDIAL ACTION

This section identifies remedial actions proposed and implemented on the East Parcel to achieve the remediation objectives established in Section 4.0 of this ROR/RAP/RACR. The remedy for the site is to excavate and dispose of impacted soil. Note that the northern portion of the East Parcel was remediated in June 2001 and the southern portion was remediated in March 2002.

Remedial action activities consist of the following main components:

- Site preparation;
- Waste characterization;
- Real-time air monitoring during remediation;
- Excavation, stockpiling and off site disposal of impacted surface soils, managed as special waste;
- Confirmation soil samples;
- Management of potential stormwater runon/runoff, and soil erosion and sediment control; and
- Demobilization and site restoration.

Remedial activities on the East Parcel were conducted during two (2) remedial events, the June 2001 event and the March 2002 event. The remedial activities conducted during the June 2001 event occurred simultaneously within the Pond, Main, and East Parcels. Remediation was conducted north of the roadway in the East Parcel in June 2001 as part of the temporary parking lot construction. The remedial activities on the East Parcel (south of the roadway) were primarily conducted on June 19 and 20, 2001. The remainder of the remediation on the East Parcel was conducted during the March 2002 event. Photographs documenting field activities are presented in Appendix B.

5.1 SITE PREPARATION

Site preparation activities began in May 2001, as part of ongoing remediation activities on adjacent Parcels. Fabric was attached to the existing fence along the south and east property boundaries in order to provide privacy and help control the potential off site dust migration during excavation. The fabric was placed in a manner that allowed it to act as a silt fence. Fabric, 8 feet in length, was attached at the top and middle of the fence and extended to the ground surface.

During both remedial events, buried utility lines within the area were marked and left undisturbed. Excavation activities did not interfere with the locations of the buried utility lines.

The East Parcel excavation areas, based on the depths of excavation, were laid out prior to excavation activities. Additionally, the confirmation sampling grids were identified and marked prior to excavation.

5.2 WASTE CHARACTERIZATION

Prior to excavation activities, waste characterization samples were collected for analyses. Composite soil sample RPS-WC1 was required by Waste Management to dispose of the material in the CID landfill, in Calumet City, Illinois. The sample was collected on April 23, 2001 by Burns & McDonnell and submitted to Test America Inc. in Bartlett, Illinois under proper chain-of-custody. The sample was analyzed for pH, TCLP metals, TCLP pyridine, TCLP hexachlorobenzene, PCBs, flashpoint, reactive sulfide, paint filter, and LN Parameters (chemical oxygen demand, fats, oil and grease, ammonia nitrogen, pH, total cyanide, and oxidizing agents). Analytical results of the waste characterization sample (RPS-WC1) are presented in Appendix C.

5.3 AIR MONITORING

Air monitoring for BTEX and PAHs (as dust) was performed to ensure that residents of the surrounding community and onsite workers were not exposed to airborne compounds that may be emitted during remedial activities. Air monitoring was conducted in accordance with the procedures described below and documentation sheets are included in Appendix D.

5.3.1 Real-Time Air Monitoring

Air monitoring was performed around the perimeter during management of impacted media. PAH constituents, as dust, were monitored using a MiniRAM, a hand held dust collection device. A MiniRAE 2000 photoionization detector (PID) was used to determine real-time VOC concentrations. Organic vapor and dust monitoring were done regularly (approximately every hour) during the workday near the excavation activities. Reading were taken mainly in the north, south, east, and west portions of the East Parcel.

The action level for organic vapor specified in the Site Health and Safety Plan (HASP) of 0.2 part per million (ppm) was not exceeded during excavation activities. The action level for dust on the site was 150 micrograms per cubic meter ($\mu g/m^3$) for the 24 hour average concentration of particulate matter less than 10 micrometers, as specified in 40 CFR 50.6. Dust levels never exceeded the action level. A skid steer equipped with a sweeper attachment was used to remove dust from the pavement and minimize airborne dust particles from the truck traffic.

Monitoring of onsite worker's health and safety is addressed in a separate Site HASP. The Site HASP was written specifically to address the chemical and physical hazards specific to the site (Burns & McDonnell 2001b). All persons working on the site were required to read, sign and conform to the requirements of the health and safety plan.

Appendix D contains the corresponding equipment calibration sheets and real-time air monitoring results during remedial activities.

5.4 EXCAVATION

Excavation of the impacted soil was conducted at specified depths across the site. Based on the SI findings, excavation on the East Parcel was planned to consist of limited shallow excavation, with the exception of one limited area, where excavation to a depth of 8 feet bgs was anticipated. Figure 4 details the excavation layout plan.

During excavation activities on the East Parcel, some areas required limited additional excavation in order to achieve the remedial objectives based on the confirmation samples that were collected during remedial activities (see Figures 4 and 5). All excavation activities on the East Parcel occurred during the June 2001 event and the March 2002 event. As presented above, air monitoring was conducted during all excavation activities.

5.4.1 June 2001 Soil Excavation Event

Based on the findings in the SI, surface soil excavation in the northern area of the East Parcel began in June 2001. Excavation was performed to depths of between 6-inches and 2-feet bgs. The soil was managed as special waste and was disposed of at the CID landfill in Calumet City, Illinois.

5.4.2 March 2002 Soil Excavation Event

Based on the findings in the SI, excavation activities at the northeast corner and southern portion of the East Parcel were conducted in March 2002. The excavation activities in the northeast corner, approximately 20-feet by 20-feet in size, were conducted to remove impacts to approximately 8-feet bgs. The excavation activities on the southern portion of the East Parcel were originally designed to remove soil from 6 inches to 3 feet bgs as illustrated on Figure 4. Based on confirmation composite samples discussed in Sections 5.6 and 6.1.1, some areas required limited additional excavation. Therefore, an additional 1-foot of soil was removed from some portions of the southern surface excavation area (total depth 1.5-feet). In addition, the 2-foot excavation north of the 3-foot excavation was excavated an additional 6-inches to a total depth of 2.5-feet. The soil was managed as special waste and disposed of at the CID landfill in Calumet City, Illinois.

Figure 5 shows the final excavation map. Construction activities were documented. Daily reports of excavation activities, activity logs and other pertinent data were generated and maintained. Appendix E contains a copy of the daily reports.

5.5 SOIL REMOVAL AND DISPOSAL

Approximately 3,600 tons of special waste was disposed of in the CID landfill from the East Parcel remediation. Approximately 1,000 tons of soil was disposed of from the East Parcel during excavation activities during the June 2001 event (northern portion of the Parcel) and approximately 2,600 tons of soil was disposed of during excavation activities during the March 2002 event (southern portion of the Parcel). Appendix F contains special waste manifest logs and a copy of the special waste manifests.

5.6 CONFIRMATION SOIL SAMPLES

Confirmation soil sampling was performed in order to verify that soil exceeding TACO Tier 1 residential objectives was removed within the East Parcel. Also, soil exceeding the TACO Tier 1 construction worker objective for inhalation of naphthalene was confirmed to be removed. Confirmation samples were analyzed for a combination of the following: PAHs (8270 SIM), total lead, SPLP lead, and SPLP RCRA metals. The results were compared to Tier 1 residential (or construction worker screening levels for naphthalene only) remediation objectives specified in Section 4.1. The SPLP data was compared to the objectives derived for soil migration to Class II groundwater. If measured concentrations exceeded the remediation objectives, the area from which the sample was collected was excavated further. Once this was complete, another confirmation sample was taken. This process continued until the remediation objectives were achieved. Confirmation sampling locations are detailed on Figures 4 and 5. Confirmation soil sampling results are provided in Table 3.

5.6.1 June 2001 Soil Confirmation Sampling Event

Confirmation composite samples were collected from the northern surface soil excavation limits during the June 2001 event. The excavation limit was divided into areas based on excavation depths and size of quadrants. Based on the criteria, eight (8) areas were delineated. The initial composite samples were analyzed for PAHs, total lead and SPLP lead. Confirmation samples were below the Tier 1 remediation objectives. Additional removal activities were not needed, with the exception of a limited area in the northeast corner, which was addressed during the March 2002 event and is discussed below.

5.6.2 March 2002 Soil Confirmation Sampling Event

Confirmation composite samples were collected during the March 2002 event from the excavation areas that were conducted in the northeast corner of the East Parcel and in the southern portion of the East Parcel.

Two (2) composite confirmation samples were collected from the excavation limits established in the excavation activities that were conducted in the northeast corner of the East Parcel. One (1) composite sample (RPE-CS-018) was collected from the walls of the 8 foot deep excavation, and one (1) composite sample (RPE-CS-019) was collected from the floor of the excavation. The initial composite samples were analyzed for PAHs. Metals analysis was not required because the only exceedance at the sample location was benzo(a)pyrene. Confirmation samples were below the Tier 1 remediation objectives. Additional removal activities were not needed in the northeast corner of the East Parcel.

Confirmation composite samples were collected in the southern portion of the East Parcel. The excavation limit was divided into areas based on excavation depths and size of quadrants. Based on the criteria, eight (8) areas were delineated. The initial composite samples were analyzed for PAHs and SPLP metals. Certain areas required additional excavation after initial confirmation sample results were obtained, due to the residual presence of limited PAH constituents that exceeded the remediation

objectives. These areas were excavated further and additional confirmation samples were collected and analyzed for PAHs.

Confirmation samples were sent to STAT Laboratories in Chicago, Illinois. Laboratory analytical reports are provided in Appendix G.

5.7 POTENTIAL STORMWATER RUNON/RUNOFF AND SOIL EROSION AND SEDIMENT CONTROL

Erosion and sediment controls were implemented during construction activities including:

- Sequenced construction;
- Maintenance of erosion and sediment controls (silt fences);
- Excavated soil from the staging area was loaded onto trucks as quickly as possible; and
- Staged soils that were left on site overnight were compacted and covered with tarps.

Routine inspections of erosion and sediment control features were conducted on a daily basis, after each rainfall and during periods of extended rainfall. Repairs, if necessary, were made immediately.

5.8 BACKFILLING

Following remedial activities, excavated areas were backfilled. The June 2001 event excavation on the East Parcel was backfilled with imported coarse aggregate 6 (CA-6). The March 2002 event excavation was also backfilled with CA-6. In addition, the southern area (March 2002 event) was brought to within 6-inches of grade and was finished to final grade with imported topsoil. Topsoil was supplied by Frankfort Garden Center and Landscape Company. The source of the topsoil was a vacant farmland located on the east side of Aurora, Illinois. Burns & McDonnell visited the topsoil site and collected a topsoil sample (RPE-TS-001) on April 11, 2002. The sample was submitted to the laboratory and analyzed for TCL VOCs, TCL SVOCs, pesticides/herbicides, PCBs, TAL metals, total cyanide, and pH. Appendix H contains the analytical report and information that supports that the imported topsoil used on the East Parcel was below TACO Tier 1 residential levels.

5.9 DEMOBILIZATION AND SITE RESTORATION

After completion of soil removal activities, cleanup and site restoration activities were performed; including, decontamination of potentially impacted equipment.

The northern area is currently covered with gravel. Proposed site restoration for the southern area of the East Parcel is to seed the area covered with topsoil.

6.0 RESULTS

This section presents all sampling results, which demonstrate that all remedial objectives have been met.

6.1 CONFIRMATION SAMPLING

Confirmation sampling was done in accordance with the remedial objectives described in Section 4.0 of this report in order to confirm that the objectives were met. Table 3 summarizes the confirmation sampling results and the site-specific remedial objectives applicable to the East Parcel. Excavation continued until remediation objectives were met. Figure 5 is an as-built excavation map, showing the areas of confirmation sampling. Appendix G contains the laboratory analytical reports.

6.1.1 Composite Samples

The majority of the first round of composite confirmation samples were below the site-specific remediation objectives with the exception of areas RPE-CS-013, RPE-CS-016 and RPE-CS-017, where limited exceedences of PAHs were observed. Further excavation followed by additional confirmation sampling was conducted in these areas.

- Confirmation sample RPE-CS-013 exceeded the benzo(a)pyrene remediation objective of 0.09 mg/kg at a concentration of 0.096 mg/kg. An additional 6-inches of soil was removed and a second confirmation sample (RPE-CS-013-002) was collected. The second confirmation sample was below the remediation objectives, therefore, further excavation and removal in the area was not needed.
- Confirmation sample RPE-CS-016 exceeded the benzo(a)anthracene, benzo(a)pyrene, and benzo(a,h)anthracene. Benzo(a)anthracene exceeded its remediation objective of 0.9 mg/kg at a concentration of 2 mg/kg. Benzo(a)pyrene exceeded its remediation objective of 0.09 mg/kg at a concentration of 0.69 mg/kg. Dibenzo(a,h)anthracene exceeded its remediation objective of 0.09 mg/kg at a concentration of 0.15 mg/kg. An additional 1-foot of soil was removed and a second confirmation sample (RPE-CS-016-002) was collected. The second confirmation sample was below the remediation objectives, therefore, further excavation and removal in the area was not needed.
- Confirmation sample RPE-CS-017 exceeded the benzo(a)pyrene remediation objective of 0.09 mg/kg at a concentration of 0.21 mg/kg. An additional 1-foot of soil was removed and a second confirmation sample (RPE-CS-017-002) was collected. The second confirmation sample was below the remediation objectives, therefore, further excavation and removal in the area was not needed.

7.0 SPECIAL CONDITIONS

In accordance with 35 IAC Part 742 and Section 742.1015, Subpart J, no special conditions apply to the Rogers Park Sub-Shop East Parcel site. The remedial action is a final action and a Comprehensive NFR Letter specifying unrestricted residential use is anticipated. No institutional controls or monitoring are required.

8.0 CONCLUSIONS

The remedial objectives for the Rogers Park Sub-Shop East Parcel site in Section 4.0 were met as a result of the excavation activities described in Section 5.0. All soil that exceeded remediation objectives was removed from the East Parcel. Remaining soil was confirmed to meet remediation objectives. No special conditions are required to be implemented on the site.

The data presented within this ROR/RAP/RACR is accurate and complete. No further remedial action activity is necessary on the East Parcel and a Comprehensive NFR letter specifying unrestricted residential use is anticipated.

9.0 REFERENCES

- 1. Burns & McDonnell, 2002. *The Rogers Park Sub-Shop East Parcel Site Investigation Report*. Chicago, Illinois. January.
- 2. Burns & McDonnell, 2001a. The Rogers Park Sub-Shop East Parcel Site Investigation Data Book. Chicago, Illinois. December.
- 3. Burns & McDonnell, 2001b. Site Health and Safety Plan for Peoples Gas Rogers Park. Chicago, Illinois. March.
- 4. Hanson Engineers Incorporated, 1992. Preliminary Site Investigation North Shore Avenue Station Gas Storage Facility; Chicago, Illinois.
- 5. Illinois EPA, 2001. Tiered Approach to Corrective Action Objectives (TACO), Part 742: Title 35.
- 6. Illinois EPA, 1998. Site Remediation Program, Part 740: Title 35.
- 7. Illinois EPA, 1997. Groundwater Quality, Part 620; Title 35.
- 8. Roy F. Weston, 2000. Comprehensive Site Investigation Report, The Peoples Gas Light and Coke Company Rogers Park Sub-Shop Property, East Parcel, 6659 North Kedzie Avenue Chicago, Illinois.
- 9. U.S. Environmental Protection Agency (USEPA) 1984. *Health Assessment Document for Inorganic Arsenic*. Research Triangle Park, NC.

TABLES

Table 1
Summary of Detected Constituents and Comparison with Tier 1 Remediation Objectives - Soil
Rogers Park East Parcel

	1	Tier 1		Sample I	ocation and Dept	h (feet below gro	und surface)/Cond	centration
		Remediation		RPM-SB48-001	RPM-SB48-002	RPM-SB49-001	RPM-SB49-002	RPM-SB50-001
		Objectives		2-3'	8-10'	1-2'	3-5'	0-1'
Compound/Analyte	Soil to GW (Class II)	Ingestion	Inhalation	WT~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
			TC	L VOCs (mg/kg)				
Acetone	16	7,800	100,000	NA	NA	NA	NA	NA
Benzene	0.17	12	0.8	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Toluene	29	16,000	650	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Xylenes (total)	150	160,000	320	0.005 U	0.005 U	0.005 U	0.005 U	0.008 J
			TC	L SVOCs (mg/kg))			
Acenaphthene	2,900	4,700		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene				0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	59,000	23,000		0.025 U	0.025 U	0.050	0.025 U	0.025 U
Benzo[a]anthracene	8	0.9		0.025 U	0.025 U	0.234	0.025 U	0.025 U
Benzo[b]fluoranthene	25	0.9		0.025 U	0.025 U	0.365	0.025 U	0.030
Benzo[k]fluoranthene	250	9		0.025 U	0.025 U	0.160	0.025 U	0.025 U
Benzo[g,h,i]perylene				0.025 U	0.025 U	0.079	0.025 U	0.025 U
Benzo[a]pyrene	82	0.09		0.025 U	0.025 U	0.208	0.025 U	0.025 U
Butylbenzylphthalate	930	16,000	930	NA	NA	NA	NA	NA
Bis(2-chlorothoxy)methane				NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	0.0004	0.6	0.2	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	46	31,000	NA	NA	NA	NA	NA
4-Bromophenylether	31,000			NA	NA	NA	NA	NA
Carbazole	2.8	32		NA	NA	NA	NA	NA
Chrysene	800	88		0.025 U	0.025 U	0.365	0.025 U	0.029
Dibenzo[a,h]anthracene	7.6	0.09		0.025 U	0.025 U	0.085	0.025 U	0.025 U
Di-n-butylphthalate	2,300	7,800	2,300	NA	NA	NA	NA	NA
Fluoranthene	21,000	3,100		0.025 U	0.025 U	0.436	0.025 U	0.036
Fluorene	2,800	3,100		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Indeno[1,2,3-cd]pyrene	69	0.9		0.025 U	0.025 U	0.097	0.025 U	0.025 U
Naphthalene	18	1,600	1.8	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Phenanthrene				0.025 U	0.025 U	0.216	0.025 U	0.025 U
Pyrene	21.000	2.300		0.025 U	0.025 U	0.349	0.025 U	0.031
1,2,4-Trichlorobenzene	53	780	3,200	NA	NA	NA	NA	NA
1,2,4-1110110100001120110			RCI	RA Metals (mg/kg	()			
Arsenic*	130	13	750	0.79	4.87	3.58	2.59	5.48
Barium**		5,500	690,000	121.0	20.90	31.40	29.20	80.90
Cadmium**		78	1,800	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chromium		230	270	4.75	13.0	9.55	11.0	19.80
Lead**		400		3.30	9.55	37.30	6.36	40.50
Mercury**		23	10	0.04 U	0.04 U	0.13	0.04 U	0.072
Selenium	1.8	390		1.00 U	1.00 U	1.00 U	1.00 U	1.10
Silver**		390		0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
D-7.4.1 V-1			SPLP S	elected Metals (m	ng/L)			
SPLP Barium	2.0			NA	NA	NA	NA	NA
SPLP Cadmium	0.05			NA	NA	NA	NA	NA
SPLP Chromium	1.0			NA	NA	NA	NA	NA
SPLP Lead	0.1			NA	NA	0.019	NA	0.007
SPLP Mercury	0.01			NA	NA	NA	NA	NA
SPLP Silver	0.01			NA	NA	NA	NA	NA

- (1) U Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
- (2) J Indicates an estimated value.
- (3) NA Not Analyzed
- (4) Shaded values exceeded Tier 1 screening level.
- (5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
- (6) * Calculated 95% upper confidence limit for arsenic at the site (12 13 mg/kg) is below the 13 mg/kg remediation objective.
- (7) ** No pH-dependent value was available and portions of the site are intended to be converted from "industrial/commercial" to "residential," so SPLP analyses from select samples was used to evaluate this pathway.
- (8) WT~ n' bgs Water Table approximately n feet below ground surface.
- (9) WI~ NE Water Table not encountered.
- (10) Tier 1 inhalation objective for naphthalene pertains to construction worker scenario, because it is more stringent than the residential scenario.

		Tion 1		Cample	Location and Dept	h (feet helow gro	und surface)/Conc	entration
		Tier 1		DDM CD50 002	RPM-SB50-004	DDM SB51.001	RPM_SB51_002	RPM-SB52-001
		Remediation Objectives		2-3'	8-10'	0-1'	3-5'	1-2'
	G 11 . CTV	Objectives			0-10	0-1		- ^ -
Compound/Analyte	Soil to GW (Class II)	Ingestion	Inhalation	WT~ NE	WI ~ NE	WT ~ NE	WT ~ NE	WI ~ NE
				CL VOCs (mg/kg)				
Acetone	16	7,800	100,000	NA	NA	NA	NA	NA
Benzene	0.17	12	0.8	0.002 U	0.002 U	0.002 U	0.002 U	0.002 UJ
Toluene	29	16,000	650	0.005 U	0.005 U	0.005 U	0.005 U	0.005 UJ
Xylenes (total)	150	160,000	320	0.005 U	0.005 U	0.016	0.005 U	0.005 UJ
			TC	CL SVOCs (mg/kg				
Acenaphthene	2,900	4,700		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene				0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	59,000	23,000		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]anthracene	8	0.9	-	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[b]fluoranthene	25	0.9		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[k]fluoranthene	250	9		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[g,h,i]perylene				0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]pyrene	82	0.09		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Butylbenzylphthalate	930	16,000	930	NA	NA	NA	NA	NA
Bis(2-chlorothoxy)methane				NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	0.0004	0.6	0.2	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	46	31,000	NA	NA	NA	NA	NA
4-Bromophenylether				NA	NA	NA	NA	NA
Carbazole	2.8	32		NA	NA	NA	NA	NA
Chrysene	800	88		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Dibenzo[a,h]anthracene	7.6	0.09		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Di-n-butylphthalate	2,300	7,800	2,300	NA	NA	NA	NA	NA
Fluoranthene	21,000	3,100		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Fluorene	2,800	3,100		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Indeno[1,2,3-cd]pyrene	69	0.9		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Naphthalene	18	1,600	1.8	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Phenanthrene				0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Pyrene	21,000	2,300		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
1,2,4-Trichlorobenzene	53	780	3,200	NA	NA	NA	NA	NA NA
				RA Metals (mg/k	~			1 / 22
Arsenic*	130	13	750	13.80	5.84	5.24	3.77	6.32
Barium**		5,500	690,000	42.50	45.40	64.10	45.40	57.40
Cadmium**		78	1,800	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chromium		230	270	22.10	18.30	19.30	18.50	20.50
Lead**		400		19.90	12.40	28.40	12.70	20.70
Mercury**		23	10	0.04 U	0.04 U	0.045	0.04 U	0.04 U
Selenium	1.8	390		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver**		390		0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
			SPLP	Selected Metals (1		1 371	N/4	I NIA
SPLP Barium	2.0			0.805	NA	NA NA	NA NA	NA NA
SPLP Cadmium	0.05			0.005 U	NA	NA	NA NA	NA NA
SPLP Chromium	1.0			0.010 U	NA	NA	NA NA	NA
SPLP Lead	0.1			0.009	NA	NA	NA	NA
SPLP Mercury	0.01			0.0005 U	NA	NA NA	NA NA	NA NA
SPLP Silver	0.05		l	0.0100 U	NA	NA	NA	NA NA

- (1) U Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
- (2) J Indicates an estimated value.
- (3) NA Not Analyzed
- (4) Shaded values exceeded Tier 1 screening level
- (5) -- I oxicity criteria not available for exposure route (Illinios EPA 2001)
- (6) * Calculated 95% upper confidence limit for arsenic at the site (12.13 mg/kg) is below the 13 mg/kg remediation objective
- (7) ** No pH-dependent value was available and portions of the site are intended to be converted from "industrial/commercial" to "residential," so SPLP analyses from select samples was used to evaluate this pathway
- (8) WI~ n' bgs Water Table approximately n feet below ground surface
- (9) WT~ NE Water Table not encountered
- (10) Tier 1 inhalation objective for naphthalene pertains to construction worker scenario, because it is more stringent than the residential scenario

- 111		Tier 1		Sample I	ocation and Dept	h (feet below gro	und surface)/Cond	entration
		Remediation		RPM-SB52-002	RPM-SB53-001	RPM-SB53-002	RPM-SB54-001	RPM-SB54-002
		Objectives		8-10'	1-2'	3-5'	0-1'	2-3'
Compound/Analyte	Soil to GW (Class II)	Ingestion	Inhalation	WI~NE	WI ~ NE	WI~NE	WI ~ NE	WT ~ NE
			T	CL VOCs (mg/kg)				
Acetone	16	7,800	100,000	NA	NA	NA	NA	NA
Benzene	0.17	12	0.8	0.002 U	0.002	0.002 U	0.002	0.002
Toluene	29	16,000	650_	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Xylenes (total)	150	160,000	320	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
			TO	L SVOCs (mg/kg				0.005.77
Acenaphthene	2,900	4,700		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene				0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	59,000	23,000		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]anthracene	8	0.9		0.025 U	0.025 U	0.025 U	0.043	0.025 U
Benzo[b]fluoranthene	25	0.9		0.025 U	0.025 U	0.025 U	0.062	0.025 U
Benzo[k]fluoranthene	250	9		0.025 U	0.025 U	0.025 U	0.035	0.025 U
Benzo[g,h,i]perylene		-		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]pyrene	82	0.09		0.025 U	0.025 U	0.025 U	0.036	0.025 U
Butylbenzylphthalate	930	16,000	930	NA	NA	NA	NA	NA
Bis(2-chlorothoxy)methane				NA	NA	NA_	NA	NA
Bis(2-chloroethyl)ether	0.0004	0.6	0.2	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	46	31,000	NA	NA	NA	NA	NA
4-Bromophenylether				NA	NA	NA	NA	NA
Carbazole	2.8	32	-	NA	NA	NA	NA	NA
Chrysene	800	88		0.025 U	0.025 U	0.025 U	0.062	0.025 U
Dibenzo[a,h]anthracene	7.6	0.09		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Di-n-butylphthalate	2,300	7,800	2,300	NA	NA	NA	NA	NA
Fluoranthene	21,000	3,100		0.025 U	0.025 U	0.025 U	0.102	0.025 U
Fluorene	2,800	3,100		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Indeno[1,2,3-cd]pyrene	69	0.9		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Naphthalene	18	1,600	1.8	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Phenanthrene	T T			0.025 U	0.025 U	0.025 U	0.045	0.025 U
Pyrene	21,000	2,300		0.025 U	0.025 U	0.025 U	0.086	0.025 U
1,2,4-Trichlorobenzene	53	780	3,200	NA	NA	NA	NA	NA
-,-,			RC	RA Metals (mg/k	g)			
Arsenic*	130	13	750	7.19	5.18	22.40	16.60	10.30
Barium**		5,500	690,000	51.10	68.60	53.30	32.80	24.80
Cadmium**		78	1,800	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chromium		230	270	20.50	23	19.20	7.84	8.42
Lead**		400		13.20	26.60	19.90	17.50	11.20
Mercury**		23	10	0.04 U	0.06	0.04 U	0.04 U	0.04 U
Selenium	1.8	390		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Silver**		390		0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
			SPLP	Selected Metals (r				
SPLP Barium	2.0			NA	5.940	NA	NA	NA
SPLP Cadmium	0.05			NA	0.005 U	NA	NA	NA
SPLP Chromium	1.0			NA	0.010 U	NA	NA	NA
SPLP Lead	0.1			NA	0.046	NA	NA	NA
SPLP Mercury	0.01			NA	0.0005	NA	NA	NA
SPLP Silver	0.05			NA	0.01 U	NA	NA	NA

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- (2) J Indicates an estimated value
- (3) NA Not Analyzed
- (4) Shaded values exceeded Tier 1 screening level.
- (5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
- (6) * Calculated 95% upper confidence limit for arsenic at the site (12.13 mg/kg) is below the 13 mg/kg remediation objective
- (7) ** No pH-dependent value was available and portions of the site are intended to be converted from "industrial/commercial" to "residential," so SPLP analyses from select samples was used to evaluate this pathway
- (8) WT~ n' bgs Water Table approximately n feet below ground surface
- (9) WT~ NE Water Table not encountered
- (10) Tier 1 inhalation objective for naphthalene pertains to construction worker scenario, because it is more stringent than the residential scenario

11	Tier 1		Sample	Location and Dept	h (feet below gro	and surface)/Conc	entration
			RPM-SB54-003	RPM-SB55-001	RPM-SB55-002	RPM-SB55-003	RPM-SB56-001
	Objectives		3-5'	0-1'	2-3'	3-5'	0-1'
Soil to GW (Class II)	Ingestion	Inhalation	WI~ NE	WI ~ NE	WT ~ <u>NE</u>	WT~NE	WI ~ NE
11		T	CL VOCs (mg/kg)			
16	7,800	100,000	NA	NA	NA	NA	NA
0.17	12	0.8	0.002	0.002 U			0.002 U
29	16,000	650	0.005 U	0.005 U	0.005 U		0.005 U
150	160,000	320	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
		TO				r	
2,900	4,700						0.025 U
							0.025 U
59,000	23,000						0.027
8							0.145
25							0.121
250	9						0.119
							0.052
							0.142
930	16,000						NA NA
							NA NA
0.0004							NA NA
31,000	46	31,000					NA NA
				I			NA NA
							NA O 2221
800							0.231
7.6							0.041
		2,300					NA 0.279
4							0.279 0.025 U
1							0.025 0
				0.0.7			0.039 0.025 U
<u> </u>							0.023 0
							0.112
							0.272 NA
53	780				NA NA	I NA	INA
T	r				2.01	19 20	6.17
							72.30
			12.00				0.71
 							17.00
							83.30
							0.150
							1.00 U
							0.50 U
	390		1		0.50 0	0.50 0	
1 20					NA	1.140	NA
							NA
							NA
						1	0.023
							NA
							NA
	Soil to GW (Class II) 16 0.17 29 150 2,900 59,000 8 25 250 82 930 0.0004 31,000 2.8 800	Remediation Objectives Soil to GW (Class II) Ingestion	Remediation Objectives	Remediation Objectives	Remediation Objectives	Remediation	RPM-SB54-003 RPM-SB55-001 RPM-SB55-002 RPM-SB55-003 3-5' Solit to GW (Class II) Inhalation WT - NE WT - NE WT - NE WT ~ NE

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- (3) NA Not Analyzed.
- (4) Shaded values exceeded Tier 1 screening level
- (5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
- (6) * Calculated 95% upper confidence limit for arsenic at the site (12.13 mg/kg) is below the 13 mg/kg remediation objective.
- (7) ** No pH-dependent value was available and portions of the site are intended to be converted from "industrial/commercial" to "residential," so SPLP analyses from select samples was used to evaluate this pathway.
- (8) WT~ n' bgs Water Table approximately n feet below ground surface
- (9) WI~ NE Water Table not encountered
- (10) Tier 1 inhalation objective for naphthalene pertains to construction worker scenario, because it is more stringent than the residential scenario.

	1	Tier 1		Sample	Location and Dept	h (feet helow gro	ind surface)/Conc	entration
		Remediation		DDM CB56 002	RPM-SB56-003	RPM-SR56-004	RPM-SB56-005	RPM-SB57-001
		Objectives		1-2'	2-3'	3-5'	8-10'	1-2'
	[0-:14- CW]	Objectives	li	1-2	2-3	3-3		
Compound/Analyte	Soil to GW (Class II)	Ingestion	Inhalation	WI~NE	WT ~ NE	WI~NE	WT ~ NE	WT ~ NE
			Т	CL VOCs (mg/kg)				r
Acetone	16	7,800	100,000	NA	NA	NA	NA	NA
Benzene	0.17	12	0.8	0.002 U	0.002	0.002 U	0.002 U	0.066
Toluene	29	16,000	650	0.005 U	0.005 U	0.005 U	0.005 U	0.005
Xylenes (total)	150	160,000	320	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
				CL SVOCs (mg/kg			2 22 27	0.104.7
Acenaphthene	2,900	4,700		0.025 U	0.025 U	0.025 U	0.025 U	0.134 J
Acenaphthylene				0.025 U	0.025 U	0.025 U	0.025 U	0.202 J
Anthracene	59,000	23,000		0.025 U	0.025 U	0.025 U	0.025 U	0.242 J
Benzo[a]anthracene	8	0.9		0.025 U	0.025 U	0.025 U	0.025 U	1.510 J
Benzo[b]fluoranthene	25	0.9		0.025 U	0.025 U	0.025 U	0.025 U	0.968 J
Benzo[k]fluoranthene	250	9		0.025 U	0.025 U	0.025 U	0.025 U	1.040 J
Benzo[g,h,i]perylene				0.025 U	0.025 U	0.025 U	0.025 U	0.262 J
Benzo[a]pyrene	82	0.09		0.025 U	0.025 U	0.025 U	0.025 U	1.960 J
Butylbenzylphthalate	930	16,000	930	NA	NA	NA	NA	NA NA
Bis(2-chlorothoxy)methane	-			NA NA	NA	NA	NA NA	NA
Bis(2-chloroethyl)ether	0.0004	0.6	0.2	NA	NA	NA	NA	NA NA
Bis(2-ethylhexyl)phthalate	31,000	46	31,000	NA	NA	NA	NA	NA
4-Bromophenylether				NA	NA	NA	NA	NA
Carbazole	2.8	32		NA	NA	NA_	NA	NA .
Chrysene	800	88		0.025 U	0.025 U	0.025 U	0.025 U	1.740 J
Dibenzo[a,h]anthracene	7.6	0.09		0.025 U	0.025 U	0.025 U	0.025 U	0.167 J
Di-n-butylphthalate	2,300	7,800	2,300	NA	NA	NA	NA	NA 2 050 Y
Fluoranthene	21,000	3,100		0.025 U	0.025 U	0.025 U	0.025 U	2.050 J
Fluorene	2,800	3,100		0.025 U	0.025 U	0.025 U	0.025 U	0.087 J
Indeno[1,2,3-cd]pyrene	69	0.9		0.025 U	0.025 U	0.025 U	0.025 U	0.241 J
Naphthalene	18	1,600	1.8	0.025 U	0.025 U	0.025 U	0.025 U	0.126 J
Phenanthrene				0.025 U	0.025 U	0.025 U	0.025 U	1.250 J
Pyrene	21,000	2,300		0.025 U	0.025 U	0.025 U	0.025 U	2.590 J
1,2,4-Trichlorobenzene	53	780	3,200	NA NA	NA	NA	NA	NA
				RA Metals (mg/k		2.52	7.50	9.99
Arsenic*	130	13	750	4.66	7.60	3.53	5.59	9.99 57.70
Barium**		5,500	690,000	68.20	46.20	37.40	36.50	0.50 U
Cadmium**		78	1,800	0.50 U	0.50 U	0.50 U	0.50 U	17.20
Chromium		230	270	22.10	22	19.80	18.90 13.30	50.40
Lead**		400		22.20	15.60	15.50		0.072
Mercury**		23	10	0.04 U	0.04 U	0.04 U 1.00 U	0.04 U 1.00 U	1.00 U
Selenium	1.8	390		1.00 U	1.00 U	0.50 U	0.50 U	0.50 U
Silver**		390	CDI D	0.50 U	0.50 U	0.30 0	0.50 0	0.50 0
	11 22 1			Selected Metals (r	ng/L) 2,420	NA	NA	NA
SPLP Barium	2.0			0.875			NA NA	NA NA
SPLP Cadmium	0.05			0.005 U	0.005 U	NA NA	NA NA	NA NA
SPLP Chromium	1.0			0.010	0.023		NA NA	0.029
SPLP Lead	0.1			0.009	0.007	NA NA	NA NA	0.029 NA
SPLP Mercury	0.01	-		0.0005 U	0.0005 U 0.010 U	NA NA	NA NA	NA NA
SPLP Silver	0.05			0.0100 U	0.010 0	INA	I IVA	11/1

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- (4) Shaded values exceeded Tier 1 screening level
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- (9) WT~ NE Water Table not encountered.
- (10) Tier 1 inhalation objective for naphthalene pertains to construction worker scenario, because it is more stringent than the residential scenario.

Compound/Analyte	Tier 1 Remediation Objectives Ingestion 7,800 12 16,000 160,000 4,700 23,000 0.9 0.9 9 0.09 16,000	100,000 0.8 650 320 T0	RPM-SB57-002 8-10' WI ~ NE CL VOCs (mg/kg) NA 0.002 U 0.005 U CL SVOCs (mg/kg 0.025 U 0.025 U 0.025 U 0.025 U 0.025 U 0.025 U	NA 0.022 0.005 U 0.025 U 0.025 U 0.025 U 0.025 U	RPM-SB58-002 8-10' WT ~ NE NA 0.002 U 0.005 U 0.005 U 0.025 U 0.025 U 0.025 U	MI ~ NE NA 0.002 U 0.005 U 1.01 0.05 2.75	NA 0.002 U 0.005 U 0.025 U 0.025 U 0.025 U 0.025 U
Compound/Analyte Soil to GW (Class II)	7,800 12 16,000 160,000 4,700 23,000 0.9 0.9 9 0.09 16,000	T 100,000 0.8 650 320 TC	8-10' WI~ NE CL VOCs (mg/kg) NA 0.002 U 0.005 U CL SVOCs (mg/kg) 0.025 U 0.025 U 0.025 U 0.025 U 0.025 U	2-3' WT ~ NE NA 0.022 0.005 U 0.005 U 0.025 U 0.025 U 0.025 U 0.025 U	8-10' WT ~ NE NA 0.002 U 0.005 U 0.005 U 0.025 U 0.025 U 0.025 U	1-2' WI ~ NE NA 0.002 U 0.005 U 0.005 U	3-5' WT ~ NE NA 0.002 U 0.005 U 0.005 U
Compound/Analyte Class II	7,800 12 16,000 160,000 4,700 23,000 0.9 9 0.09 16,000	T 100,000 0.8 650 320 TC	WT~ NE CL VOCs (mg/kg NA 0.002 U 0.005 U 0.005 U CL SVOCs (mg/kg 0.025 U 0.025 U 0.025 U 0.025 U 0.025 U	WT ~ NE NA 0.022 0.005 U 0.005 U 0.025 U 0.025 U 0.025 U 0.025 U	WT ~ NE NA 0.002 U 0.005 U 0.005 U 0.025 U 0.025 U 0.025 U	WI ~ NE NA 0.002 U 0.005 U 0.005 U 1.01 0.05	WT ~ NE NA 0.002 U 0.005 U 0.005 U 0.005 U
Compound/Analyte (Class II)	7,800 12 16,000 160,000 4,700 23,000 0.9 0.9 9 0.09 16,000	T 100,000 0.8 650 320 TC	CL VOCs (mg/kg) NA 0.002 U 0.005 U 0.005 U CL SVOCs (mg/kg) 0.025 U 0.025 U 0.025 U 0.025 U 0.025 U	NA 0.022 0.005 U 0.005 U 0.025 U 0.025 U 0.025 U 0.025 U	NA 0.002 U 0.005 U 0.005 U 0.025 U 0.025 U 0.025 U	NA 0.002 U 0.005 U 0.005 U	NA 0.002 U 0.005 U 0.005 U
Benzene 0.17	12 16,000 160,000 4,700 23,000 0.9 9 0.09 16,000	100,000 0.8 650 320 T0	NA 0.002 U 0.005 U 0.005 U 0.025 U 0.025 U 0.025 U 0.025 U 0.025 U 0.025 U	NA 0.022 0.005 U 0.005 U 0.025 U 0.025 U 0.025 U 0.025 U	0.002 U 0.005 U 0.005 U 0.025 U 0.025 U 0.025 U	0.002 U 0.005 U 0.005 U 1.01 0.05	0.002 U 0.005 U 0.005 U 0.025 U
Benzene 0.17	12 16,000 160,000 4,700 23,000 0.9 9 0.09 16,000	0.8 650 320 T(0.002 U 0.005 U 0.005 U CL SVOCs (mg/kg 0.025 U 0.025 U 0.025 U 0.025 U	0.022 0.005 U 0.005 U 0.025 U 0.025 U 0.025 U 0.025 U 0.025 U	0.002 U 0.005 U 0.005 U 0.025 U 0.025 U 0.025 U	0.002 U 0.005 U 0.005 U 1.01 0.05	0.002 U 0.005 U 0.005 U 0.025 U
Toluene 29	16,000 160,000 4,700 23,000 0.9 0.9 9 0.09 16,000	650 320 T(0.005 U 0.005 U CL SVOCs (mg/kg 0.025 U 0.025 U 0.025 U 0.025 U 0.025 U	0.005 U 0.005 U 0.025 U 0.025 U 0.025 U 0.025 U 0.025 U	0.005 U 0.005 U 0.025 U 0.025 U 0.025 U	0.005 U 0.005 U 1.01 0.05	0.005 U 0.005 U 0.025 U
Xylenes (total) 150	160,000 4,700 23,000 0.9 0.9 9 0.09 16,000	320 TC	0.005 U CL SVOCs (mg/kg 0.025 U 0.025 U 0.025 U 0.025 U 0.025 U	0.005 U 0.025 U 0.025 U 0.025 U 0.025 U	0.005 U 0.025 U 0.025 U 0.025 U	0.005 U 1.01 0.05	0.005 U 0.025 U
Acenaphthene 2,900	4,700 23,000 0.9 0.9 9 0.09 16,000	T(CL SVOCs (mg/kg 0.025 U 0.025 U 0.025 U 0.025 U 0.025 U	0.025 U 0.025 U 0.025 U 0.025 U 0.025 U	0.025 U 0.025 U 0.025 U	1.01 0.05	0.025 U
Acenaphthylene Anthracene 59,000 Benzo[a]anthracene 8 Benzo[b]fluoranthene 25 Benzo[k]fluoranthene 250 Benzo[a]hjlperylene Benzo[a]pyrene 82 Butylbenzylphthalate 930 Bis(2-chlorothoxy)methane - Bis(2-chlorothoxy)methane Bis(2-ethylhexyl)phthalate 31,000 4-Bromophenylether Carbazole 2.8 Chrysene 800 Dibenzo[a,h]anthracene 7.6 Di-n-butylphthalate 2,300 Fluoranthene 21,000 Fluorene 2,800 Indeno[1,2,3-cd]pyrene 69 Naphthalene 18 Phenanthrene	23,000 0.9 0.9 9 0.09 16,000		0.025 U 0.025 U 0.025 U 0.025 U 0.025 U 0.025 U	0.025 U 0.025 U 0.025 U 0.025 U	0.025 U 0.025 U	0.05	
Acenaphthylene Anthracene 59,000 Benzo[a]anthracene 8 Benzo[b]fluoranthene 25 Benzo[k]fluoranthene 250 Benzo[a]hjlperylene Benzo[a]pyrene 82 Butylbenzylphthalate 930 Bis(2-chlorothoxy)methane - Bis(2-chlorothoxy)methane Bis(2-ethylhexyl)phthalate 31,000 4-Bromophenylether Carbazole 2.8 Chrysene 800 Dibenzo[a,h]anthracene 7.6 Di-n-butylphthalate 2,300 Fluoranthene 21,000 Fluorene 2,800 Indeno[1,2,3-cd]pyrene 69 Naphthalene 18 Phenanthrene	23,000 0.9 0.9 9 0.09 16,000		0.025 U 0.025 U 0.025 U 0.025 U	0.025 U 0.025 U 0.025 U	0.025 U 0.025 U	0.05	
Anthracene 59,000 Benzo[a]anthracene 8 Benzo[b]fluoranthene 25 Benzo[k]fluoranthene 250 Benzo[g,h,i]perylene Benzo[a]pyrene 82 Butylbenzylphthalate 930 Bis(2-chlorothoxy)methane - Bis(2-chlorothoxy)methane - Bis(2-ethylhexyl)phthalate 31,000 4-Bromophenylether - Carbazole 2.8 Chrysene 800 Dibenzo[a,h]anthracene 7.6 Di-n-butylphthalate 2,300 Fluoranthene 21,000 Fluorene 2,800 Indeno[1,2,3-cd]pyrene 69 Naphthalene 18 Phenanthrene	0.9 0.9 9 0.09 16,000	 	0.025 U 0.025 U 0.025 U	0.025 U 0.025 U	0.025 U		1 0.025 U
Benzo[a]anthracene 8 Benzo[b]fluoranthene 25 Benzo[g,h,i]perylene Benzo[a]pyrene 82 Butylbenzylphthalate 930 Bis(2-chlorothoxy)methane Bis(2-chlorothoxy)methane 31,000 4-Bromophenylether Carbazole 2.8 Chrysene 800 Dibenzo[a,h]anthracene 7.6 Di-n-butylphthalate 2,300 Fluoranthene 21,000 Fluorene 2,800 Indeno[1,2,3-cd]pyrene 69 Naphthalene 18 Phenanthrene	0.9 0.9 9 0.09 16,000	 	0.025 U 0.025 U	0.025 U		1 2.75	
Benzo[k] fluoranthene 25 Benzo[k] fluoranthene 250 Benzo[g,h,i]perylene Benzo[a] pyrene 82 Butylbenzylphthalate 930 Bis(2-chlorothoxy)methane Bis(2-chlorothoxy)methane 31,000 4-Bromophenylether Carbazole 2.8 Chrysene 800 Dibenzo[a,h]anthracene 7.6 Di-n-butylphthalate 2,300 Fluoranthene 21,000 Fluorene 2,800 Indeno[1,2,3-cd] pyrene 69 Naphthalene 18 Phenanthrene	0.9 9 0.09 16,000		0.025 U				0.025 U
Benzo[k]fluoranthene 250 Benzo[g,h,i]perylene	9 0.09 16,000				0.025 U	5.55	0.025 U
Benzo[g,h,i]perylene	0.09 16,000			0.025 U	0.025 U	5.69	0.025 U
Benzo[a]pyrene 82 Butylbenzylphthalate 930 Bis(2-chlorothoxy)methane Bis(2-chlorothoxy)methane 31,000 4-Bromophenylether Carbazole 2.8 Chrysene 800 Dibenzo[a,h]anthracene 7.6 Di-n-butylphthalate 2,300 Fluoranthene 21,000 Fluorene 2,800 Indeno[1,2,3-cd]pyrene 69 Naphthalene 18 Phenanthrene	0.09 16,000		0.025 U	0.025 U	0.025 U	3.92	0.025 U
Butylbenzylphthalate 930 Bis(2-chlorothoxy)methane - Bis(2-chlorothoxy)methane 0.0004 Bis(2-chloroethyl)ether 0.0004 Bis(2-ethylhexyl)phthalate 31,000 4-Bromophenylether Carbazole 2.8 Chrysene 800 Dibenzo[a,h]anthracene 7.6 Di-n-butylphthalate 2,300 Fluoranthene 21,000 Fluorene 2,800 Indeno[1,2,3-cd]pyrene 69 Naphthalene 18 Phenanthrene	16,000		0.025 U	0.025 U	0.025 U	2.54	0.025 U
Bis(2-chlorothoxy)methane - Bis(2-chloroethyl)ether 0.0004 Bis(2-ethylhexyl)phthalate 31,000 4-Bromophenylether - Carbazole 2.8 Chrysene 800 Dibenzo[a,h]anthracene 7.6 Di-n-butylphthalate 2,300 Fluoranthene 21,000 Fluorene 2,800 Indeno[1,2,3-cd]pyrene 69 Naphthalene 18 Phenanthrene			0.025 U	0.025 U	0.025 U	4.94	0.025 U
Bis(2-chloroethyl)ether 0.0004 Bis(2-ethylhexyl)phthalate 31,000 4-Bromophenylether Carbazole 2.8 Chrysene 800 Dibenzo[a,h]anthracene 7.6 Di-n-butylphthalate 2,300 Fluoranthene 21,000 Fluorene 2,800 Indeno[1,2,3-cd]pyrene 69 Naphthalene 18 Phenanthrene		930	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate 31,000 4-Bromophenylether Carbazole 2.8 Chrysene 800 Dibenzo[a,h]anthracene 7.6 Di-n-butylphthalate 2,300 Fluoranthene 21,000 Fluorene 2,800 Indeno[1,2,3-cd]pyrene 69 Naphthalene 18 Phenanthrene			NA	NA	NA	NA	NA
4-Bromophenylether Carbazole 2.8 Chrysene 800 Dibenzo[a,h]anthracene 7.6 Di-n-butylphthalate 2,300 Fluoranthene 21,000 Fluorene 2,800 Indeno[1,2,3-cd]pyrene 69 Naphthalene 18 Phenanthrene	0.6	0.2	NA	NA	NA	NA	NA
Carbazole 2.8 Chrysene 800 Dibenzo[a,h]anthracene 7.6 Di-n-butylphthalate 2,300 Fluoranthene 21,000 Fluorene 2,800 Indeno[1,2,3-cd]pyrene 69 Naphthalene 18 Phenanthrene	46	31,000	NA	NA	NA	NA	NA NA
Chrysene 800 Dibenzo[a,h]anthracene 7.6 Di-n-butylphthalate 2,300 Fluoranthene 21,000 Fluorene 2,800 Indeno[1,2,3-cd]pyrene 69 Naphthalene 18 Phenanthrene			NA	NA	NA	NA	NA
Dibenzo[a,h]anthracene 7.6 Di-n-butylphthalate 2,300 Fluoranthene 21,000 Fluorene 2,800 Indeno[1,2,3-cd]pyrene 69 Naphthalene 18 Phenanthrene	32		NA	. NA	NA	NA 7.06	NA 0.025 H
Di-n-butylphthalate 2,300 Fluoranthene 21,000 Fluorene 2,800 Indeno[1,2,3-cd]pyrene 69 Naphthalene 18 Phenanthrene	88		0.025 U	0.025 U	0.025 U	7.06	0.025 U 0.025 U
Fluoranthene 21,000 Fluorene 2,800 Indeno[1,2,3-cd]pyrene 69 Naphthalene 18 Phenanthrene	0.09		0.025 U	0.025 U	0.025 U	***	0.023 U NA
Fluorene 2,800 Indeno[1,2,3-cd]pyrene 69 Naphthalene 18 Phenanthrene	7,800	2,300	NA	NA NA	NA 0.025 H	NA 0.65	0.025 U
Indeno[1,2,3-cd]pyrene 69 Naphthalene 18 Phenanthrene	3,100		0.025 U	0.025 U	0.025 U	9.65	0.025 U
Naphthalene 18 Phenanthrene	3,100	<u> </u>	0.025 U	0.025 U	0.025 U	1.12 2.86	0.025 U
Phenanthrene	0.9		0.025 U	0.025 U	0.025 U	0.966	0.025 U
	1,600	1.8	0.025 U	0.025 U	0.025 U 0.025 U	7.05	0.025 U
			0.025 U	0.025 U	0.025 U	8.01	0.025 U
Pyrene 21,000	2,300		0.025 U	0.025 U		NA NA	0.023 C
1,2,4-Trichlorobenzene 53	780	3,200	NA NA	NA NA	NA	I NA	IVA
	10		RA Metals (mg/k 10.20	g) 3.58	7.24	9.19	7.12
Arsenic* 130	13	750	20.70	3.38 45.10	43.90	124.00	48.90
Barium**	5,500	690,000	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Cadmium**	78 230	1,800 270	13.00	20.8	18.40	21	21.60
Chromium		2/0	15.30	13.10	15.00	58.50	16.80
Lead**	400 23	10	0.04 U	0.04 U	0.04 U	0.05	0.040 U
Mercury** Selenium 1.8	390		1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
3333333	390		0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Silver**	390		Selected Metals (1		0.50 0	3,50 0	
SPLP Barium 2.0			NA	NA	NA	1.060	1.120
SPLP Barium 2.0 SPLP Cadmium 0.05			NA NA	NA NA	NA	0.005 U	0.005 U
SPLP Cadmium 0.03 SPLP Chromium 1.0			NA NA	NA NA	NA	0.010	0.025
SPLP Chromium 1.0 SPLP Lead 0.1			NA NA	NA	NA	0.005	0.010
SPLP Lead 0.1 SPLP Mercury 0.01			NA NA	NA NA	NA	0.005	0.0005
SPLP Mercury 0.01 SPLP Silver 0.05			NA	NA	NA	0.005 U	0.0100 U

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- (3) NA Not Analyzed
- (4) Shaded values exceeded Tier 1 screening level.
- (5) Toxicity criteria not available for exposure route (Illinios EPA 2001)
- (6) * Calculated 95% upper confidence limit for arsenic at the site (12.13 mg/kg) is below the 13 mg/kg remediation objective.
- (7) ** No pH-dependent value was available and portions of the site are intended to be converted from "industrial/commercial" to "residential," so SPLP analyses from select samples was used to evaluate this pathway.
- (8) WT~ n' bgs Water Table approximately n feet below ground surface.
- (9) WT~ NE Water Table not encountered.
- (10) Tier I inhalation objective for naphthalene pertains to construction worker scenario, because it is more stringent than the residential scenario.

		Tier 1		Sample Location and Depth (feet below ground surface)/Concentration					
		Remediation		B-01	TR-01	TR-02	MW-01	MW-02	
		Objectives		1-2'	2-3'	8-9'	8-10'	1-2'	
	Soil to GW	<u> </u>							
Compound/Analyte	(Class II)	Ingestion	Inhalation	WT ~ 12' bgs	WT~NE	WT ~ NE	WI ~ 10.5' bgs	WT ~ 7' bgs	
			T	CL VOCs (mg/kg))				
Acetone	16	7,800	100,000	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	
Benzene	0.17	12	0.8	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	
Toluene	29	16,000	650	0.006 U	0.006 U	0.006 U	0.006 U	0.006 U	
Xylenes (total)	150	160,000	320	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	
			TC	L SVOCs (mg/kg			T	0.000.77	
Acenaphthene	2,900	4,700		0.420 U	0.400 U	0.370 U	0.400 U	0.390 U	
Acenaphthylene				0.420 U	0.400 U	0.370 U	0.400 U	0.390 U	
Anthracene	59,000	23,000		0.420 U	0.400 U	0.370 U	0.400 U	0.170 J	
Benzo[a]anthracene	8	0.9		0.420 U	0.400 U	0.370 U	0.400 U	0.460	
Benzo[b]fluoranthene	25	0.9		0.420 U	0.400 U	0.370 U	0.400 U	0.520	
Benzo[k]fluoranthene	250	9		0.420 U	0.400 U	0.370 U	0.400 U	0.200	
Benzo[g,h,i]perylene		-		0.420 U	0.400 U	0.370 U	0.400 U	0.270	
Benzo[a]pyrene	82	0.09	-	0.420 U	0.400 U	0.370 U	0.400 U	0.400	
Butylbenzylphthalate	930	16,000	930	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U	
Bis(2-chlorothoxy)methane				0.420 U	0.400 U	0.370 U	0.400 U	0.390 U	
Bis(2-chloroethyl)ether	0.0004	0.6	0.2	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U	
Bis(2-ethylhexyl)phthalate	31,000	46	31,000	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U	
4-Bromophenylether		-		0.420 U	0.400 U	0.370 U	0.400 U	0.390 U	
Carbazole	2.8	32		0.420 U	0.400 U	0.370 U	0.400 U	0.390 U	
Chrysene	800	88	-	0.420 U	0.400 U	0.370 U	0.400 U	0.490	
Dibenzo[a,h]anthracene	7.6	0.09		0.420 U	0.400 U	0.370 U	0.400 U	0.390 U	
Di-n-butylphthalate	2,300	7,800	2,300	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U	
Fluoranthene	21,000	3,100		0.420 U	0.400 U	0.370 U	0.400 U	1.00	
Fluorene	2,800	3,100		0.420 U	0.400 U	0.370 U	0.400 U	0.390 U	
Indeno[1,2,3-cd]pyrene	69	0.9		0.420 U	0.400 U	0.370 U	0.400 U	0.290 J	
Naphthalene	18	1,600	1.8	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U	
Phenanthrene				0.420 U	0.400 U	0.370 U	0.400 U	0.960	
Pyrene	21,000	2,300		0.420 U	0.400 U	0.370 U	0.400 U	1.00	
1,2,4-Trichlorobenzene	53	780	3,200	0.420 U	0.400 U	0.370 U	0.400 U	0.390 U	
				RA Metals (mg/k		1.00	T	7.20	
Arsenic*	130	13	750	7.20	5.20	1.80	5.50	7.30	
Barium**		5,500	690,000	57.00	43.80	33.70	33.80	74.60	
Cadmium**	<u> </u>	78	1,800	0.99 U	1.00 U	0.94 U	0.88 U	0.90 U	
Chromium		230	270	18.80	18.80	13.40	17.60	20.50 27.50	
Lead**		400		22.10	14.50	4.10	12.60		
Mercury**		23	10	0.04 U	0.04 U	0.04 U	0.04 U 0.60	0.06	
Selenium	1.8	390		0.74	0.50 U	0.47 U		0.90 U	
Silver**		390		0.99 U	1.00 U	0.94 U	0.88 U	0.90 0	
	·			Selected Metals (r		NTA	NA	NA	
SPLP Barium	2.0			NA NA	NA NA	NA NA	NA NA	NA NA	
SPLP Cadmium	0.05			NA NA	NA NA		NA NA	NA NA	
SPLP Chromium	1.0			NA	NA.	NA NA	NA NA	NA NA	
SPLP Lead	0.1			NA NA	NA NA	NA NA	NA NA	NA NA	
SPLP Mercury	0.01			NA	NA NA	NA NA	NA NA	NA NA	
SPLP Silver	0.05			NA	NA	INA .	INA	INV	

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- (3) NA Not Analyzed
- (4) Shaded values exceeded Tier 1 screening level
- (5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
- (6) * Calculated 95% upper confidence limit for arsenic at the site (12 13 mg/kg) is below the 13 mg/kg remediation objective
- (7) ** No pH-dependent value was available and portions of the site are intended to be converted from "industrial/commercial" to "residential," so SPLP analyses from select samples was used to evaluate this pathway.
- (8) WT~ n' bgs Water Table approximately n feet below ground surface.
- (9) WT- NE Water Table not encountered
- (10) Tier 1 inhalation objective for naphthalene pertains to construction worker scenario, because it is more stringent than the residential scenario

		Tier 1		Comple I	ocation and Dept	h (feet helow gro	and surface)/Conc	entration
				B-101	TR-101	TR-102	TR-102	MW-101
		Remediation Objectives		B-101 4-6'	3-5'	8-10'	8-10' (DUP)	8-10'
		Objectives		4-0	3-3	0-10	0-10 (DO1)	0-10
Compound/Analyte	Soil to GW (Class II)	Ingestion	Inhalation	WT ~ 12' bgs	WT ~ NE	WI ~ NE	WT ~ NE	WT ~ 10.5' bgs
			T	CL VOCs (mg/kg)				
Acetone	16	7,800	100,000	NA NA	NA	0.01 U	NA	NA
Benzene	0.17	12	0.8	NA	NA	0.006 U	NA	NA
Toluene	29	16,000	650	NA	NA	0.006 U	NA	NA
Xylenes (total)	150	160,000	320	NA	NA	0.010 U	NA	NA
12)101102 (10111)			TO	L SVOCs (mg/kg)			
Acenaphthene	2,900	4,700		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene				0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	59,000	23,000		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]anthracene	8	0.9		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[b]fluoranthene	25	0.9		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[k]fluoranthene	250	9		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[g,h,i]perylene				0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo[a]pyrene	82	0.09		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Butylbenzylphthalate	930	16,000	930	N/A	NA	N/A	NA	NA
Bis(2-chlorothoxy)methane				N/A	NA	N/A	NA	NA
Bis(2-chloroethyl)ether	0.0004	0.6	0.2	N/A	NA	N/A	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	46	31,000	N/A	NA	N/A	NA	NA
4-Bromophenylether			_	N/A	NA	N/A	NA	NA
Carbazole	2.8	32		N/A	NA	N/A	NA	NA
Chrysene	800	88		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Dibenzo[a,h]anthracene	7.6	0.09		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Di-n-butylphthalate	2,300	7,800	2,300	NA	NA	NA	NA	NA
Fluoranthene	21,000	3,100		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Fluorene	2,800	3,100		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Indeno[1,2,3-cd]pyrene	69	0.9	-	0.025 UJ	0.025 UJ	0.025 U	0.025 U	0.025 UJ
Naphthalene	18	1,600	1.8	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Phenanthrene				0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Pyrene	21,000	2,300		0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
1,2,4-Trichlorobenzene	53	780	3,200	NA	NA	NA	NA	NA
			RC	RA Metals (mg/k				
Arsenic*	130	13	750	1.80	9.00	6.300	5.100	6.30
Barium**		5,500	690,000	38.30	40.40	32.60	41.80	42.50
Cadmium**		78	1,800	0.13 U	0.14 U	0.15 U	0.15 U	0.14 U
Chromium		230	270	20.2U	20.50	20.30	19.70	18.40
Lead**		400		11.40	14.30	14.00	13.00	12.50
Mercury**		23	10	0.04 U	0.04 U	0.04 U	0.04 U	0.050
Selenium	1.8	390		0.34 U	0.34 U	0.38 U	0.37 U	0.35 U
Silver**		390		0.38 U	0.34 U	0.38 U	0.37 U	0.35 U
			SPLP :	Selected Metals (n				
SPLP Barium	2.0			NA	NA	NA	NA NA	NA
SPLP Cadmium	0.05			NA	NA	NA	NA	NA
SPLP Chromium	1.0			NA	NA	NA	NA	NA
SPLP Lead	0.1			NA	NA	NA	NA NA	NA NA
SPLP Mercury	0.01			NA	NA	NA	NA NA	NA NA
SPLP Silver	0.05			NA	NA	NA_	NA	NA

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- (3) NA Not Analyzed.
- (4) Shaded values exceeded I ier 1 screening level.
- (5) Toxicity criteria not available for exposure route (Illinios EPA 2001).
- (6) * Calculated 95% upper confidence limit for arsenic at the site (12.13 mg/kg) is below the 13 mg/kg remediation objective
- (7) ** No pH-dependent value was available and portions of the site are intended to be converted from "industrial/commercial" to "residential," so SPLP analyses from select samples was used to evaluate this pathway.
- (8) WT~ n' bgs Water Table approximately n feet below ground surface
- (9) WT ~ NE Water Table not encountered
- (10) Tier 1 inhalation objective for naphthalene pertains to construction worker scenario, because it is more stringent than the residential scenario.

	1	Tier 1		Sample I	ocation and Dept	h (feet below grou	ınd surface)/Conc	entration
	1	Remediation		MW-102	SS-05	PBS-B1	PBS-B2	PBS-B2
		Objectives		3-5'	0-0.5'	1-3'	1-3'	6-8'
Compound/Analyte	Soil to GW (Class II)	Ingestion	Inhalation	WI ~ 7' bgs	WT ~ NE	WT ~ 6' bgs	WI ~ 6' bgs	WT ~ 6' bgs
			1000	CL VOCs (mg/kg)				371
Acetone	16	7,800	100,000	NA	0.01 U	0.015	NA	NA
Benzene	0.17	12	0.8	NA	0.011 U	0.003 U	NA	NA
Toluene	29	16,000	650	NA	0.006 U	0.003 U	NA	NA
Xylenes (total)	150	160,000	320	NA	0.010 U	NA	NA	NA
			TC	L SVOCs (mg/kg			2 222 5 77	0.0004.77
Acenaphthene	2,900	4,700		0.025 U	0.400 U	0.0326 U	0.0336 U	0.0324 U
Acenaphthylene				0.025 U	0.400 U	0.0208 U	0.0215 U	0.0208 U
Anthracene	59,000	23,000		0.025 U	0.400 U	0.000844 U	0.007	0.00084 U
Benzo[a]anthracene	8	0.9		0.025 U	0.150 J	0.003	0.027	0.0020
Benzo[b]fluoranthene	25	0.9		0.025 U	0.230 J	0.004	0.029	0.0037
Benzo[k]fluoranthene	250	9		0.025 U	0.180 Ј	0.002	0.016	0.0019
Benzo[g,h,i]perylene				0.025 U	0.180 J	0.003	0.021	0.0026
Benzo[a]pyrene	82	0.09		0.025 U	0.220 J	0.003	0.030	0.0040
Butylbenzylphthalate	930	16,000	930	NA	0.400 U	NA	NA	NA
Bis(2-chlorothoxy)methane				NA	0.400 U	NA	NA	NA
Bis(2-chloroethyl)ether	0.0004	0.6	0.2	NA	0.400 U	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	46	31,000	NA	0.400 U	NA	NA	NA
4-Bromophenylether				NA	0.400 U	NA	NA	NA
Carbazole	2.8	32		NA	0.400 U	NA	NA	NA
Chrysene	800	88		0.025 U	0.240 J	0.003	0.036	0.0036
Dibenzo[a,h]anthracene	7.6	0.09		0.025 U	0.280 J	0.00617 U	0.013	0.00614 U
Di-n-butylphthalate	2,300	7,800	2,300	NA	0.400 U	NA	NA	NA
Fluoranthene	21,000	3,100		0.025 U	0.300 J	0.001 U	0.049	0.0034
Fluorene	2,800	3,100		0.025 U	0.400 U	0.011 U	0.012 U	0.0114 U
Indeno[1,2,3-cd]pyrene	69	0.9		0.025 UJ	0.180 J	0.001 U	0.010	0.000548 U
Naphthalene	18	1,600	1.8	0.025 U	0.400 U	0.009 U	0.009 U	0.00874 U
Phenanthrene	T T			0.025 U	0.140 J	0.00125 U	0.025	0.0025
Pyrene	21,000	2,300		0.025 U	0.400 U	0.00354 U	0.044	0.00353 U
1,2,4-Trichlorobenzene	53	780	3,200	NA	0.400	0.003 U	NA	NA
	- M		RC	RA Metals (mg/kg	g)			
Arsenic*	130	13	750	5.60	5.30	9.48	15.60	17.80
Barium**		5,500	690,000	55.10	51.60	33.40	46.50	26.00
Cadmium**		78	1,800	0.14	1.10 U	0.01 U	0.01 U	0.00622 U
Chromium	1 1	230	270	25	17.60	15.70	18.30	15.50
Lead**		400	_	12.20	66.20	15.70	29.20	16.30
Mercury**		23	10	0.04	0.14	0.05 U	0.25	0.0498 U
Selenium	1.8	390		0.60	0.94	0.50 U	0.51 U	0.495 U
Silver**		390		0.34	1.10 U	0.35 U	0.36 U	0.348 U
			SPLP S	elected Metals (n				
SPLP Barium	2.0			NA	NA	NA	NA	NA
SPLP Cadmium	0.05	-		NA	NA	NA	NA	NA
SPLP Chromium	1.0	-		NA	NA	NA	NA	NA
SPLP Lead	0.1			NA	NA	NA	NA	NA
SPLP Mercury	0.01	-		NA	NA	NA	NA	NA
SPLP Silver	0.05			NA	NA	NA	NA	NA

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- (3) NA Not Analyzed
- (4) Shaded values exceeded Tier 1 screening level
- (5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
- (6) * Calculated 95% upper confidence limit for arsenic at the site (12 13 mg/kg) is below the 13 mg/kg remediation objective
- (7) ** No pH-dependent value was available and portions of the site are intended to be converted from "industrial/commercial" to "residential," so SPLP analyses from select samples was used to evaluate this pathway
- (8) WT~ n' bgs Water Table approximately n feet below ground surface
- (9) WT~ NE Water Table not encountered.
- (10) Tier 1 inhalation objective for naphthalene pertains to construction worker scenario, because it is more stringent than the residential scenario.

	1	Tier 1		Sample 1	Location and Dept	h (feet below grou	and surface)/Conc	entration
		Remediation		PBS-B3	PBS-B3	PBS-B4	PBS-B5	PBS-B6
		Objectives		1-3'	4-6'	1-3'	1-3'	1-3'
Compound/Analyte	Soil to GW (Class II)	Ingestion	Inhalation	WT ~ 6' bgs	WT ~ 6' bgs	WT ~ 6' bgs	WT ~ 6' bgs	WT ~ 6' bgs
			T	CL VOCs (mg/kg)			
Acetone	16	7,800	100,000	NA	NA	NA	NA	NA
Benzene	0.17	12	0.8	NA	NA	NA	NA	NA
Toluene	29	16,000	650	NA	NA	NA	NA	NA
Xylenes (total)	150	160,000	320	NA	NA	NA	NA	NA
			TC	CL SVOCs (mg/kg				
Acenaphthene	2,900	4,700		0.0333 U	0.0287 U	0.0105 U	0.0104 U	0.0349 U
Acenaphthylene				0.038	0.0183 U	0.021 U	0.209 U	0.0223 U
Anthracene	59,000	23,000		0.001	0.000742 U	0.001	0.0104 U	0.000903 U
Benzo[a]anthracene	8	0.9		0.005	0.00176 U	0.00202 U	0.0104 U	0.010
Benzo[b]fluoranthene	25	0.9		0.007	0.003	0.004	0.0104 U	0.012
Benzo[k]fluoranthene	250	9		0.003	0.002	0.002	0.0416 U	0.006
Benzo[g,h,i]perylene				0.008	0.002	0.002	0.0416 U	0.009
Benzo[a]pyrene	82	0.09		0.003	0.002	0.00185 U	0.0209 U	0.009
Butylbenzylphthalate	930	16,000	930	NA	NA	0.08440 U	0.0838 U	NA
Bis(2-chlorothoxy)methane				NA	NA	0.08440 U	0.0838 U	NA
Bis(2-chloroethyl)ether	0.0004	0.6	0.2	NA	NA	0.08440 U	0.0838 U	NA
Bis(2-ethylhexyl)phthalate	31,000	46	31,000	NA	NA	0.08440 U	0.0838 U	NA
4-Bromophenylether				NA	NA	0.08440 U	0.0838 U	NA
Carbazole	2.8	32		NA	NA	NA	NA	NA
Chrysene	800	88		0.006	0.003	0.003	0.0104 U	0.011
Dibenzo[a,h]anthracene	-7.6	0.09		0.006 U	0.00542 U	0.00623 U	0.0416 U	0.008
Di-n-butylphthalate	2,300	7,800	2,300	NA	NA	0.12600 U	0.1250 U	NA
Fluoranthene	21,000	3,100		0.010	0.001	0.003	0.0104 U	0.011
Fluorene	2,800	3,100		0.0117 U	0.010 U	0.0115 U	0.0209 U	0.0122 U
Indeno[1,2,3-cd]pyrene	69	0.9		0.000562 U	0.000484 U	0.000556 U	0.0416 U	0.005
Naphthalene	18	1,600	1.8	0.00896 U	0.00772 U	0.00886 U	0.0104 U	0.00939 U
Phenanthrene	-			0.006	0.0011 U	0.009	0.0104 U	0.002
Pyrene	21,000	2,300		0.009	0.00312 U	0.019	0.0104 U	0.00379 U
1,2,4-Trichlorobenzene	53	780	3,200	NA	NA	0.0844 U	NA NA	NA
				RA Metals (mg/k		T	T 1600	15.00
Arsenic*	130	13	750	7.76	8.39	19.20	16.30	15.90 40.00
Barium**		5,500	690,000	41.20	21.80	53.60	35.00	0.00668 U
Cadmium**		78	1,800	0.01 U	0.01 U	0.01 U	0.00623 U	
Chromium		230	270	16.40	8.03	18.40	14.60	16.40 20.00
Lead**		400		25.80	0.02 U	24.60	23.70	0.0535 U
Mercury**		23	10	0.051 U	0.04 U	0.05 U	0.0499 U	
Selenium	1.8	390		0.40 U	0.44 U	0.50 U	0.496 U	0.532 U 0.374 U
Silver**		390	L	0.36 U	0.31 U	0.35 U	0.349 U	U.3/4 U
			7	Selected Metals (1		774	I NA	NA NA
SPLP Barium	2.0			NA	NA NA	NA NA	NA NA	NA NA
SPLP Cadmium	0.05			NA	NA	NA NA	NA NA	NA NA
SPLP Chromium	1.0			NA	NA_	NA	NA NA	
SPLP Lead	0.1			NA	NA	NA NA	NA NA	NA NA
SPLP Mercury	0.01			NA	NA NA	NA NA	NA NA	NA NA
SPLP Silver	0.05			NA	NA	NA NA	I NA	I NA

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- (2) J Indicates an estimated value
- (3) NA Not Analyzed
- (4) Shaded values exceeded Tier 1 screening level.
- (5) Toxicity criteria not available for exposure route (Illinios EPA 2001)
- (6) * Calculated 95% upper confidence limit for arsenic at the site (12.13 mg/kg) is below the 13 mg/kg remediation objective.
- (7) ** No pH-dependent value was available and portions of the site are intended to be converted from "industrial/commercial" to "residential," so SPLP analyses from select samples was used to evaluate this pathway
- (8) WT~ n bgs Water Table approximately n feet below ground surface
- (9) WT~ NE Water Table not encountered
- (10) Tier 1 inhalation objective for naphthalene pertains to construction worker scenario, because it is more stringent than the residential scenario

Table 1 (Continued) Summary of Detected Constituents and Comparison with Tier 1 Remediation Objectives - Soil Rogers Park East Parcel

	T	Tier 1		Sample l	Location and Dept	h (feet below grou	and surface)/Conc	entration
		Remediation		PBS-B7	PBS-B7	PBS-B8	PBS-B8	PBS-B9
		Objectives		1-3'	6-8'	1-3'	8-10'	1-3'
Compound/Analyte	Soil to GW (Class II)	Ingestion	Inhalation	WT ~ 8' bgs	WT ~ 8' bgs	WI ~ 7' bgs	WT ~ 7' bgs	WT ~ 8' bgs
				CL VOCs (mg/kg)				274
Acetone	16	7,800	100,000	0.02	NA	NA	NA	NA NA
Benzene	0.17	12	0.8	0.004 U	0.003 U	NA	0.0031 U	NA NA
Toluene	29	16,000	650	0.004 U	0.003 U	NA	0.0031 U	NA
Xylenes (total)	150	160,000	320	NA	NA	NA	NA	NA_
			TC	L SVOCs (mg/kg				0.655.11
Acenaphthene	2,900	4,700		0.0341 U	0.0323 U	0.0311 U	0.0326 U	0.655 U
Acenaphthylene				0.0218 U	0.0206 U	0.0199 U	0.0208 U	0.419 U
Anthracene	59,000	23,000		0.000884 U	0.000836 U	0.000805 U	0.000844 U	1.07
Benzo[a]anthracene	8	0.9		0.00209 U	0.00198 U	0.002	0.002 U	2.13
Benzo[b]fluoranthene	25	0.9		0.002	0.000707 U	0.003	0.000714 U	1,79
Benzo[k]fluoranthene	250	9		0.001	0.000468 U	0.002	0.000473 U	0.995
Benzo[g,h,i]perylene				0.003	0.00153 U	0.002	0.00155 U	1.35
Benzo[a]pyrene	82	0.09		0.002	0.00182 U	0.00175 U	0.00183 U	1,98
Butylbenzylphthalate	930	16,000	930	NA	NA	NA	NA	NA
Bis(2-chlorothoxy)methane				NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	0.0004	0.6	0.2	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	46	31,000	NA	NA	NA	NA	NA
4-Bromophenylether	T "			NA	NA	NA	NA	NA
Carbazole	2.8	32		NA	NA	NA	NA	NA
Chrysene	800	88		0.002	0.001 U	0.003	0.00101 U	2.26
Dibenzo[a,h]anthracene	7.6	0.09		0.00646 U	0.00611 U	0.00588 U	0.00617 U	0.511
Di-n-butylphthalate	2,300	7,800	2,300	NA	NA	NA	NA_	NA
Fluoranthene	21,000	3,100		0.002	0.00132 U	0.004	0.00134 U	4.53
Fluorene	2,800	3,100		0.012 U	0.0113	0.0109 U	0.0114 U	0.560
Indeno[1,2,3-cd]pyrene	69	0.9		0.000577 U	0.000545 U	0.000525 U	0.00055 U	0.450
Naphthalene	18	1,600	1.8	0.0092 U	0.00869 U	0.00837 U	0.00877 U	2.06
Phenanthrene				0.003	0.00124 U	0.003	0.00125 U	5.81
Pyrene	21,000	2,300		0.00371 U	0.00351 U	0.00338 U	0.00354 U	1.98
1,2,4-Trichlorobenzene	53	780	3,200	0.004 U	NA	NA	NA	NA
1,2,1 111011010301110110				RA Metals (mg/k	g)			
Arsenic*	130	13	750	23.30	NA	10.80	NA	20.40
Barium**		5,500	690,000	45.70	NA	38.00	NA	78.70
Cadmium**		78	1,800	0.00654 U	NA	0.00596 U	NA	0.00627 U
Chromium		230	270	18.80	NA	12.80	NA	16.20
Lead**		400		21.10	NA	14.90	NA	55.60
Mercury**	·	23	10	0.0524 U	NA	0.0477 U	NA	0.05 U
Selenium	1.8	390		0.521 U	NA	0.474 U	NA	0.499 U
Silver**		390		0.366 U	NA	0.334 U	NA	0.351 U
<u></u>			SPLP S	Selected Metals (r	ng/L)			
SPLP Barium	2.0			NA	NA	NA	NA	NA
SPLP Cadmium	0.05			NA	NA	NA	NA	NA
SPLP Chromium	1.0			NA	NA	NA	NA	NA
SPLP Lead	0.1			NA	NA	NA	NA	NA
SPLP Mercury	0.01			NA	NA	NA	NA	NA
SPLP Silver	0.05		l	NA	NA	NA	NA	NA

NOTES

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- (2) J Indicates an estimated value
- (3) NA Not Analyzed
- (4) Shaded values exceeded Tier 1 screening level.
- (5) Toxicity criteria not available for exposure route (Illinios EPA 2001)
- (6) * Calculated 95% upper confidence limit for arsenic at the site (12 13 mg/kg) is below the 13 mg/kg remediation objective
- (7) ** No pH-dependent value was available and portions of the site are intended to be converted from "industrial/commercial" to "residential," so SPLP analyses from select samples was used to evaluate this pathway
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- (9) WT~ NE Water Table not encountered
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Table 1 (Continued) Summary of Detected Constituents and Comparison with Tier 1 Remediation Objectives - Soil Rogers Park East Parcel

	7	Tier 1		Sample I	ocation and Dept	h (feet below gro	und surface)/Conc	entration
		Remediation		PBS-B9	PBS-B10	PBS-B10	PBS-B11	PBS-B12
		Objectives		6-8'	1-3'	8-10'	1-3'	1-3'
Compound/Analyte	Soil to GW (Class II)	Ingestion	Inhalation	WT ~ 8' bgs	WI ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs	WI ~ 8' bgs
			TO	CL VOCs (mg/kg)				
Acetone	16	7,800	100,000	0.037	NA	NA	NA	NA
Benzene	0.17	12	0.8	0.00423 U	NA	NA	NA	NA
Toluene	29	16,000	650	0.00423 U	NA	NA	NA	NA
Xylenes (total)	150	160,000	320	NA	NA	NA	NA	NA
			TC	L SVOCs (mg/kg			,	
Acenaphthene	2,900	4,700		0.0326 U	0.0322 U	0.0333 U	0.0108 U	0.0321 U
Acenaphthylene				0.0208 U	0.0206 U	0.0213 U	0.0217 U	0.0205 U
Anthracene	59,000	23,000		0.0050	0.001	0.000862 U	0.000877 U	0.002
Benzo[a]anthracene	8	0.9		0.0091	0.005	0.00204 U	0.004	0.013
Benzo[b]fluoranthene	25	0.9		0.0089	0.006	0.0012	0.005	0.015
Benzo[k]fluoranthene	250	9		0.0067	0.003	0.0005	0.003	0.008
Benzo[g,h,i]perylene	1 1			0.0067	0.010	0.00158 U	0.004	0.010
Benzo[a]pyrene	82	0.09		0.0062	0.003	0.00187 U	0.00191 U	0.013
Butylbenzylphthalate	930	16,000	930	NA	NA	NA	0.08710 U	NA
Bis(2-chlorothoxy)methane				NA	NA	NA	0.08710 U	NA
Bis(2-chloroethyl)ether	0.0004	0.6	0.2	NA	NA	NA	0.08710 U	NA
Bis(2-ethylhexyl)phthalate	31,000	46	31,000	NA	NA	NA	0.08710 U	NA
4-Bromophenylether				NA	NA	NA	0.08710 U	NA
Carbazole	2.8	32		NA	NA	NA	NA	NA
Chrysene	800	88		0.0093	0.005	0.00103 U	0.065	0.017
Dibenzo[a,h]anthracene	7.6	0.09		0.00617 U	0.0061 U	0.0063 U	0.00641 U	0.007
Di-n-butylphthalate	2,300	7,800	2,300	NA	NA	NA	0.13000	NA
Fluoranthene	21,000	3,100		0.0161	0.009	0.00136 U	0.007	0.027
Fluorene	2,800	3,100		0.0114 U	0.0113 U	0.0117 U	0.0119 U	0.0112 U
Indeno[1,2,3-cd]pyrene	69	0.9		0.0029	0.002	0.000562 U	0.000572 U	0.005
Naphthalene	18	1.600	1.8	0.00877 U	0.009 U	0.00896 U	0.0091 U	0.011
Phenanthrene	- 10	1,000		0.0163	0.008	0.0018	0.005	0.023
Pyrene	21,000	2,300		0.0048	0.0035 U	0.00362 U	0.00369 U	0.015
1.2.4-Trichlorobenzene	53	780	3,200	NA	NA	NA	0.0871 U	NA
1,2,4-THEMOTOBERZERE	1 33	700		RA Metals (mg/k	2)			
Arsenic*	130	13	750	13.70	15.10	NA	14.40	19.90
Barium**	1	5,500	690,000	62.40	39.00	NA	46.20	57.10
Cadmium**	 	78	1,800	0.00624 U	0.01 U	NA	0.01 U	0.00614 U
Chromium	 	230	270	16.70	14.30	NA	19.00	15.0
Lead**	 	400		17.80	29.90	NA	21.30	29.20
Mercury**	 	23	10	0.0499 U	0.049 U	NA	0.0519 U	0.0491 U
Selenium	1.8	390		0.497 U	0.49 U	NA	0.517 U	0.398 U
Silver**	1.6	390		16.20	0.35 U	NA	0.364 U	0.344 U
011701			SPLP S	Selected Metals (r	ng/L)			
SPLP Barium	2.0			NA	NA	NA	NA	NA
SPLP Cadmium	0.05			NA	NA	NA	NA	NA
SPLP Cadmum SPLP Chromium	1.0			NA	NA	NA	NA	NA
SPLP Chromium SPLP Lead	0.1			NA NA	NA NA	NA	NA	NA
SPLP Lead SPLP Mercury	0.01			NA	NA	NA	NA	NA
SPLP Silver	0.01			NA	NA	NA	NA	NA

NOTES:

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- (3) NA Not Analyzed
- (4) Shaded values exceeded Tier 1 screening level
- (5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001)
- (6) * Calculated 95% upper confidence limit for arsenic at the site (12.13 mg/kg) is below the 13 mg/kg remediation objective.
- (7) ** No pH-dependent value was available and portions of the site are intended to be converted from "industrial/commercial" to "residential," so SPLP analyses from select samples was used to evaluate this pathway.
- (8) WI~ n' bgs Water Table approximately n feet below ground surface
- (9) WT~ NE Water Table not encountered
- (10) Tier 1 inhalation objective for naphthalene pertains to construction worker scenario, because it is more stringent than the residential scenario

Table 1 (Continued) Summary of Detected Constituents and Comparison with Tier 1 Remediation Objectives - Soil Rogers Park East Parcel

	1	Tier 1	<u> </u>	Sample	Location and Dept	h (feet below grou	and surface)/Conc	entration
		Remediation		PBS-B13	PBS-B13	PBS-B14	PBS-B15	PBS-B15
		Objectives 2		1-3'	6-8'	1-3'	1-3'	6-8'
Compound/Analyte	Soil to GW (Class II)	Ingestion	Inhalation	WT ~ 8' bgs	WT ~ 8' bgs	WI ~ 8' bgs	WT ~ 8' bgs	WT ~ 8' bgs
• • • • • • • • • • • • • • • • • • • •			T	CL VOCs (mg/kg))			
Acetone	16	7,800	100,000	0.03	NA	NA	NA	NA
Benzene	0.17	12	0.8	0.003 U	NA	NA	NA	NA
Toluene	29	16,000	650	0.00322 U	NA	NA	NA NA	NA
Xylenes (total)	150	160,000	320	NA	NA	NA	NA	NA
213101103 (10101)		.,,/	TC	L SVOCs (mg/kg)			
Acenaphthene	2,900	4,700		0.0317 U	0.0332 U	0.0347 U	0.030 U	0.034 U
Acenaphthylene	-			0.0203 U	0.0212 U	0.0222 U	0.020 U	0.0218 U
Anthracene	59,000	23,000		0.00082 U	0.00086 U	0.001	0.002 U	0.000881 U
Benzo[a]anthracene	8	0.9		0.00194 U	0.00204 U	0.006	0.019 U	0.00208 U
Benzo[b]fluoranthene	25	0.9		0.002	0.000728 U	0.007	0.022 U	0.000754 U
Benzo[k]fluoranthene	250	9		0.001	0.000482 U	0.004	0.011 U	0.000494 U
Benzo[g,h,i]perylene				0.0015 U	0.00158 U	0.005	0.016 U	0.00162 U
Benzo[a]pyrene	82	0.09		0.002	0.00187 U	0.004	0.021 U	0.00192 U
Butylbenzylphthalate	930	16,000	930	NA_	NA	NA	NA	NA
Bis(2-chlorothoxy)methane				NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	0.0004	0.6	0.2	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	31,000	46	31,000	NA	NA	NA	NA	NA
4-Bromophenylether				NA	NA	NA	NA	NA
Carbazole	2.8	32		NA	NA	NA	NA	NA
Chrysene	800	88	-1	0.001	0.00103 U	0.007	0.0010 U	0.00106 U
Dibenzo[a,h]anthracene	7.6	0.09		0.00599 U	0.00628 U	0.00657 U	0.0063 U	0.00644 U
Di-n-butylphthalate	2,300	7,800	2,300	NA	NA	NA	NA	NA
Fluoranthene	21,000	3,100	-	0.002	0.00136 U	0.0111 U	0.00136 U	0.00139 U
Fluorene	2,800	3,100		0.0111 U	0.0116 U	0.0122 U	0.0117 U	0.0119 U
Indeno[1,2,3-cd]pyrene	69	0.9		0.00054 U	0.000561 U	0.004	0.000562 U	0.000575 U
Naphthalene	18	1,600	1.8	0.00853 U	0.00894 U	0.00935 U	0.00896 U	0.00916 U
Phenanthrene				0.002	0.00127	0.008	0.0127 U	0.0013 U
Pyrene	21,000	2,300		0.00344 U	0.00361 U	0.00378 U	0.00362 U	0.0037 U
1,2,4-Trichlorobenzene	53	780	3,200	0.00322 U	NA	NA	NA	NA NA
				RA Metals (mg/k	24.			
Arsenic*	130	13	750	10.80	NA	9.99	NA NA	NA NA
Barium**		5,500	690,000	35.00	NA	39.60	NA	NA NA
Cadmium**		78	1,800	0.01 U	NA	0.00669 U	NA NA	NA NA
Chromium		230	270	14.40	NA	15.40	NA	NA NA
Lead**		400		16.10	NA_	40.70	NA NA	NA NA
Mercury**		23	10	0.05 U	NA	0.054 U	NA NA	NA NA
Selenium	1.8	390		0.483 U	NA	0.533 U	NA NA	NA NA
Silver**		390		0.34 U	NA_	0.375 U	NA	I NA
			SPLP	Selected Metals (1		374	NIA.	NIA
SPLP Barium	2.0			NA	NA NA	NA NA	NA NA	NA NA
SPLP Cadmium	0.05			NA	NA	NA	NA NA	NA NA
SPLP Chromium	1.0			NA	NA NA	NA	NA NA	NA NA
SPLP Lead	0.1			NA	NA	NA NA	NA NA	
SPLP Mercury	0.01			NA	NA	NA NA	NA NA	NA NA
SPLP Silver	0.05			NA NA	NA	NA NA	NA NA	INA

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- (4) Shaded values exceeded Tier 1 screening level.
- (5) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
- (6) * Calculated 95% upper confidence limit for arsenic at the site (12 13 mg/kg) is below the 13 mg/kg remediation objective
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Table 1 (Continued) Summary of Detected Constituents and Comparison with Tier 1 Remediation Objectives - Soil

Rogers Park East Parcel

	1	Tier 1		Sample I	ocation and Dept	th (feet below gro	und surface)/Conc	entration
		Remediation		PBS-B16	PBS-B16	PBS-B17	PBS-17	
		Objectives		1-3'	8-10'	1-3'	6-8'	
Compound/Analyte	Soil to GW (Class II)	Ingestion	Inhalation	WI ~ 8' bgs	WT ~ 8' bgs	WI ~ 8' bgs	WT ~ 8' bgs	
			TO	CL VOCs (mg/kg)				
Acetone	16	7,800	100,000	0.03	0.018	NA	0.013	
Benzene	0.17	12	0.8	0.00343 U	0.00343 U	NA	0.00325 U	
Toluene	29	16,000	650	0.00343 U	0.00343 U	NA	0.00325 U	
Xylenes (total)	150	160,000	320	NA	NA	NA	NA	
			TC	L SVOCs (mg/kg				
Acenaphthene	2,900	4,700		0.0321 U	0.0329 U	0.0104 U	0.0306 U	
Acenaphthylene				0.0206 U	0.0211 U	0.0209 U	0.0196 U	
Anthracene	59,000	23,000		0.006	0.000852 U	0.012	0.040	
Benzo[a]anthracene	8	0.9		0.002	0.00202 U	0.033	0.126	
Benzo[b]fluoranthene	25	0.9		0.003	0.000721 U	0.038	0.174	
Benzo[k]fluoranthene	250	9		0.002	0.000478 U	0.020	0.078	
Benzo[g,h,i]perylene				0.003	0.00156 U	0.033	0.179	
Benzo[a]pyrene	82	0.09		0.004	0.00185 U	0.040	0.133	
Butylbenzylphthalate	930	16,000	930	NA	NA	0.0838 U	NA	
Bis(2-chlorothoxy)methane				NA	NA	0.0838 U	NA	
Bis(2-chloroethyl)ether	0.0004	0.6	0.2	NA	NA	0.0838 U	NA	
Bis(2-ethylhexyl)phthalate	31,000	46	31,000	NA	NA	0.0838 U	NA	
4-Bromophenylether				NA	NA	0.0838 U	NA	
Carbazole	2.8	32		NA	NA	NA	NA	
Chrysene	800	88		0.003	0.00102 U	0.040	0.162	
Dibenzo[a,h]anthracene	7.6	0.09		0.006 U	0.00623 U	0.018	0.0342	
Di-n-butylphthalate	2,300	7,800	2,300	NA	NA	0.125 U	NA	
Fluoranthene	21,000	3,100		0.004	0.00135 U	0.068	0.211	
Fluorene	2,800	3,100		0.011 U	0.0115 U	0.0114 U	0.0107 U	
Indeno[1,2,3-cd]pyrene	69	0.9		0.001 U	0.000556 U	0.013	0.0695	
Naphthalene	18	1,600	1.8	0.009 U	0.00886 U	0.0088 U	0.0273	
Phenanthrene		-		0.004	0.00126 U	0.043	0.0894	
Pyrene	21,000	2,300		0.0035 U	0.00358 U	0.065	0.224	
1,2,4-Trichlorobenzene	53	780	3,200	0.003 U	0.00343 U	0.0838 U	NA	
				RA Metals (mg/k				
Arsenic*	130	13	750	20.00	15.2	12.75	19.30	
Barium**		5,500	690,000	43.80	21.6	45.00	28.20	
Cadmium**		78	1,800	0.01 U	0.00631 U	2.11	0.00585 U	
Chromium		230	270	16.90	16.40	16.20	11.00	
Lead**		400		26.40	16.5	46.40	12.90	
Mercury**		23	10	0.51	0.0504 U	0.05 U	0.109	
Selenium	1.8	390		0.49 U	0.502 U	0.50 U	0.466 U	
Silver**		390		0.35 U	0.353 U	0.35 U	0.328 U	L
	T		1	Selected Metals (n		NT4	NT A	
SPLP Barium	2.0			NA	NA NA	NA	NA NA	
SPLP Cadmium	0.05			NA	NA NA	NA NA	NA NA	
SPLP Chromium	1.0			NA NA	NA	NA NA	NA	
SPLP Lead	0.1			NA	NA	NA NA	NA	
SPLP Mercury	0.01			NA NA	NA NA	NA NA	NA NA	
SPLP Silver	0.05			NA	NA	NA	NA	

NOTES

- (1) U Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit
- (2) J Indicates an estimated value.
- (3) NA Not Analyzed
- (4) Shaded values exceeded Tier 1 screening level
- (5) Toxicity criteria not available for exposure route (Illinios EPA 2001)
- (6) * Calculated 95% upper confidence limit for arsenic at the site (12.13 mg/kg) is below the 13 mg/kg remediation objective.
- (7) ** No pH-dependent value was available and portions of the site are intended to be converted from "industrial/commercial" to "residential," so SPLP analyses from select samples was used to evaluate this pathway.
- (8) WT- n' bgs Water Table approximately n feet below ground surface
- (9) WI~ NE Water Table not encountered.
- (10) Tier 1 inhalation objective for naphthalene pertains to construction worker scenario, because it is more stringent than the residential scenario

Table 2 Final Remediation Objectives/Confirmation Sample Analyses - Soil Rogers Park East Parcel

		Remediation Objectives		Final Remediation
Compound/Analyte	Soil to GW	Ingestion	Inhalation	Objective
	PA	Hs (mg/kg)		
Benzo[a]anthracene	8	0.9		0.9
Benzo[b]fluoranthene	25	0.9		0.9
Benzo[a]pyrene	82	0.09		0.09
Dibenzo[a,h]anthracene	7.6	0.09		0.09
Indeno[1,2,3-cd]pyrene	69	0.9		0.9
Naphthalene	18	1,600	1.8*	1.8
	SPLP	Metals (mg/L)		
SPLP Barium**	2.0	(2)	(2)	2.0
SPLP Cadmium**	0.05	(2)	(2)	0.05
SPLP Chromium**	1.0	(2)	(2)	1.0
SPLP Lead**	0.1	(2)	(2)	0.1
SPLP Mercury**	0.01	(2)	(2)	0.01
SPLP Silver**	0.05	(2)	(2)	0.05

NOTE:

- (1) * Tier 1 inhalation objective for naphthalene pertains to construction worker scenario because it is more stringent than the residential scenario.
- (2) TACO Tier 1 remediation objectives pertaining to ingestion and/or inhalation of total metals (in mg/kg) were not exceeded. TACO Tier 1 remediation objectives pertaining to soil migration to Class II groundwater were not exceeded for those metals where pH dependent values were available. Therefore, remediation objectives were established for SPLP metals (in mg/L) where no pH dependent value was available.
- (3) ** No pH-dependent value was available to evaluate soil migration to groundwater for barium, cadmium, chromium, lead, mercury, and silver. Select samples collected during the SI were analyzed for SPLP metals and all or most of the confirmation samples were analyzed for SPLP lead or SPLP RCRA metals.

Confirmation Soil Sample Analytical Laboratory Results Rogers Park East Parcel Table 3

			Sample I ocation and Denth (feet below ground surface)/Concentration	and Denth (feet he	low ground enrige	-e)/Concentration	
		RPE-CS01-001	RPE-CS02-001	RPE-CS03-001	RPE-CS04-001	RPE-CS05-001	RPE-CS06-001
	Remediation	06/20/01	06/20/01	06/21/01	06/21/01	06/20/01	06/20/01
Compound/Analyte	Objectives	WT~ NE	WT~ NE	WT~ NE	WT~ NE	WT~ NE	WT~ NE
		Polynuclear Arc	Polynuclear Aromatic Hydrocarbons (PAHs) (mg/kg)	ons (PAHs) (mg/k	(g)		
Acenaphthene	NR.	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthylene	NR	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Anthracene	NR	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzo(a)anthracene	6.0	0.025 U	0.025 U	0.025 U	0.078	0.025 U	0.026
Benzo(a)pyrene	0.09	0.025 U	0.025 U	0.025 U	0.07	0.025 U	0.026
Benzo(b)fluoranthene	6.0	0.025 U	0.025 U	0.025 U	0.075	0.025 U	0.025 U
Benzo(g,h,i)perylene	NR	0.025 U	0.025 U	0.025 U	0.039	0.025 U	0.025 U
Benzo(k)fluoranthene	NR	0.025 U	0.025 U	0.025 U	0.075	0.025 U	0.028
Chrysene	NR	0.025 U	$0.025~\mathrm{U}$	0.025 U	0.094	0.025 U	0.03
Dibenzo(a,h)anthracene	60.0	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Fluoranthene	NR	0.025 U	0.025 U	0.025 U	0.131	0.025 U	0.04
Fluorene	NR	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Indeno(1,2,3-cd)pyrene	6.0	0.025 U	0.025 U	0.025 U	0.042	0.025 U	0.025 U
Naphthalene	1.8	0.103	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Phenanthrene	NR	0.025 U	0.025 U	0.025 U	0.057	0.025 U	0.025 U
Pyrene	NR	0.025 U	0.025 U	0.025 U	0.108	0.025 U	0.035
			Total Metals (mg/kg)	(kg)			
Lead	NR	12.3	11.1	29.5	0.99	37.4	21.4
			SPLP Metals (mg/L)	g/L)			
Arsenic	NR	NA	NA	NA	NA	NA	NA
Barium	2.0	NA	NA	NA	NA	NA	NA
Cadium*	0.05	NA	NA	NA	NA	NA	NA
Chromium	1.0	NA	NA	NA	NA	NA	NA
Lead*	0.1	0.006	0.013	0.017	0.025	0.014	900.0
Mercury*	0.01	NA	NA	NA	NA	NA	NA
Selenium	NR	NA	NA	NA	NA	NA	NA
Silver*	0.05	NA	NA	NA	NA	NA	NA

NOTES:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) NA - Not Analyzed.

(3) Shaded values exceeded Tier 1 screening level.

(4) NR - Remedial objective not required - all concentrations below TACO Tier 1 levels.

(5) * No Pt dependent value was available for barium, cadmium, chromium, lead, mercury, and silver to evalaute the soil migration to groundwater pathway, so representative confirmation sample analyses included SPLP RCRA metals.

Confirmation Soil Sample Analytical Laboratory Results Rogers Park East Parcel Table 3 (Continued)

			Sample Location a	and Depth (feet be	Sample Location and Depth (feet below ground surface)/Concentration	e)/Concentration	
	a	RPE-CS07-001	RPE-CS08-001	RPE-CS-010	RPE-CS-011	RPE-CS-012	RPE-CS-013
	Remediation	06/20/01	06/20/01	03/12/02	03/12/02	03/14/02	03/14/02
Compound/Analyte	Objectives	WT~ NE	WT~ NE	WT~ NE	WT~NE	WT~ NE	WT~ NE
		Polynuclear Ar	Polynuclear Aromatic Hydrocarbons (PAHs) (mg/kg)	ons (PAHs) (mg/k			
Acenaphthene	NR	0.025 U	0.025 U	0.03 U	0.029 U	0.029 U	0.03 U
Acenaphthylene	NR	0.025 U	0.025 U	0.03 U	0.029 U	0.029 U	0.03 U
Anthracene	NR	0.025 U	0.025 U	0.03 U	0.029 U	0.029 U	0.06
Benzo(a)anthracene	6.0	0.025 U	0.025 U	0.03 U	0.029 U	0.042	0.19
Benzo(a)pyrene	0.09	0.025 U	0.025 U	0.03 U	0.029 U	0.029 U	0.096
Benzo(b)fluoranthene	6.0	0.025 U	0.025 U	0.03 U	0.029 U	0.029 U	0.1
Benzo(g,h,i)perylene	NR	0.025 U	0.025 U	0.03 U	0.029 U	0.029 U	0.034
Benzo(k)fluoranthene	N.	0.025 U	0.025 U	0.03 U	0.029 U	0.029 U	0.087
Chrysene	NR	0.025 U	0.025 U	0.033	0.029 U	0.043	0.19
Dibenzo(a,h)anthracene	60.0	0.025 U	0.025 U	0.03 U	0.029 U	0.029 U	0.03 U
Fluoranthene	NR	0.025 U	0.025 U	0.055	0.029 U	0.078	0.4
Fluorene	NR	0.025 U	0.025 U	0.03 U	0.029 U	0.029 U	0.03 U
Indeno(1,2,3-cd)pyrene	6:0	0.025 U	0.025 U	0.03 U	0.029 U	0.029 U	0.037
Naphthalene	1.8	0.025 U	0.172	0.03 U	0.029 U	0.029 U	0.03 U
Phenanthrene	NR	0.025 U	0.025 U	0.038	0.029 U	0.029 U	0.21
Pyrene	NR	0.025 U	0.025 U	0.044	0.029 U	0.088	0.36
			Total Metals (mg/kg)	(/kg)			
Lead	NR	29.5	15.4	NA	NA	NA	NA
			SPLP Metals (mg/L	g/L)			
Arsenic	Ŗ	NA	NA	$0.01~\mathrm{U}$	0.01 U	0.002 U	0.0024
Barium	2.0	NA	NA	0.53	0.59	99.0	0.87
Cadium*	0.05	NA	NA	0.005 U	0.005 U	0.001 U	0.001 U
Chromium	1.0	NA	NA	0.01 U	0.01 U	0.0051	0.0061
Lead*	0.1	0.029	0.030	0.005 U	0.005 U	0.0057	0.012
Mercury*	0.01	NA	NA	0.00025 U	0.00025 U	0.00025 U	0.00025 U
Selenium	NR	NA	NA	0.01 U	0.01 U	0.002 U	0.002 U
Silver*	0.05	NA	NA	0.25 U	0.25 U	0.05 U	0.05 U

- NOTES:

 (1) U Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

 (2) NA Not Analyzed.

 (3) Shaded values exceeded Tier 1 screening level.

 (4) NR Remedial objective not required all concentrations below TACO Tier 1 levels.

 (5) * No Pt dependent value was available for baruim, cadmium, chromium, lead, mercury, and silver to evalante the soil migration to groundwater pathway, so representative confirmation sample analyses included SPLP RCRA metals.

 (6) WT~ NB Water Table not encountered.

Confirmation Soil Sample Analytical Laboratory Results Rogers Park East Parcel Table 3 (Continued)

			Complete	I Donath (Cont.	Jenn barrens d'anne		
			Sample Location	and Deptin (reet o	Sample Location and Deptin (reet below ground surface)/Concentration	ce)/concentration	
		RPE-CS-013-002	RPE-CS-014	RPE-CS-015	RPE-CS-016	RPE-CS-016-002	RPE-CS-017
	Remediation	03/18/02	03/13/02	03/19/02	03/14/02	03/18/02	03/14/02
Compound/Analyte	Objectives	WT~ NE	WT~ NE	WT~ NE	WT~ NE	WT~ NE	WT~ NE
		Polynuclear Arc	Polynuclear Aromatic Hydrocarbons (PAHs) (mg/kg)	ons (PAHs) (mg/	kg)		
Acenaphthene	AR.	O 60.0	0.03 U	0.029 U	0.41	0.029 U	0.031 U
Acenaphthylene	NR	0.03 U	0.03 U	0.029 U	0.03 U	0.029 U	0.031 U
Anthracene	NR	0.03 U	0.03 U	0.029 U	6:I	0.029 U	0.11
Benzo(a)anthracene	6.0	0.03 U	0.03 U	0.029 U	7	0.029 U	0.42
Benzo(a)pyrene	0.09	0.03 U	0.03 U	0.029 U	69'0	0.029 U	0.21
Benzo(b)fluoranthene	6.0	0.03 U	0.03 U	0.029 U	0.74	0.029 U	0.24
Benzo(g,h,i)perylene	NR	0.03 U	0.03 U	0.029 U	0.29	Ω 6700	0.071
Benzo(k)fluoranthene	NR	0.03 U	0.03 U	0.029 U	89:0	0.029 U	0.21
Chrysene	NR	0.03 U	0.03 U	0.029 U	1.8	0.029	0.42
Dibenzo(a,h)anthracene	60.0	0.03 U	0.03 U	0.029 U	0.15	0.029 U	0.031 U
Fluoranthene	NR	0.03 U	U 60.0	0.029 U	4.6	0.051	6.0
Fluorene	NR	0.03 U	U £0.0	0.029 U	0.55	0.029 U	0.031 U
Indeno(1,2,3-cd)pyrene	6.0	0.03 U	U £0.0	0.029 U	0.38	U 620:0	0.085
Naphthalene	1.8	0.03 U	U £0.0	U 620.0	0.054	0.029 U	0.031 U
Phenanthrene	NR	0.03 U	O:03 U	U 620.0	3.9	0.029 U	0.42
Pyrene	NR	0.03 U	0.03 U	0.029 U	3.6	0.046	0.77
			Total Metals (mg/kg)	(/kg)			
Lead	NR	NA	NA	NA	NA	NA	NA
			SPLP Metals (mg/L)	g/L)			
Arsenic	NR	NA	0.01 U	0.002 U	0.0037	NA	0.002 U
Barium	2.0	NA	0.54	6.0	1.8	NA	1.2
Cadium*	0.05	NA	U 200.0	U 100.0	0.001 U	NA	0.001 U
Chromium	1.0	NA	0.01 U	0.0032	0.0065	NA	0.0099
Lead*	0.1	NA	0.0062	0.088	0.011	NA	0.012
Mercury*	0.01	NA	0.00025 U	0.00025 U	0.00025 U	NA	0.00025 U
Selenium	NR	NA	0.01 U	0.002 U	0.002 U	NA	0.002 U
Silver*	0.05	NA	0.25 U	0.05 U	0.05 U	NA	U 20.0

NOTES:

(1) U.1 Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) NA - Not Analyzed.

(3) Shaded values exceeded Tier I screening level.

(4) NR - Remedial objective not required - all concentrations below TACO Tier I levels.

(5) * No pH dependent value was available for barium, cadmum, chromium, lead, mercury, and silver to evalaute the soil migration to groundwater pathway, so representative confirmation sample analyses included SPLP RCRA metals.

(6) WT~ NE - Water Table not encountered.

Confirmation Soil Sample Analytical Laboratory Results Rogers Park East Parcel Table 3 (Continued)

		91	Sample Location a	and Depth (feet bel	Sample Location and Depth (feet below ground surface)/Concentration
		RPE-CS-017-002	RPE-CS-018	RPE-CS-019	
	Remediation	03/18/02	03/20/02	03/20/02	
Compound/Analyte	Objectives	WT~ NE	WT~ NE	WT~ NE	
		Polynuclear Arc	matic Hydrocarbo	Polynuclear Aromatic Hydrocarbons (PAHs) (mg/kg)	(2)
Acenaphthene	NR	U 6200	0.03 U	0.028 U	
Acenaphthylene	NR	0.029 U	0.03 U	0.028 U	
Anthracene	NR	U 620.0	0.03 U	0.028 U	
Benzo(a)anthracene	6.0	0.029 U	0.03 U	0.028 U	
Benzo(a)pyrene	60.0	0.029 U	0.03 U	0.028 U	
Benzo(b)fluoranthene	6.0	0.029 U	0.03 U	0.028 U	
Benzo(g,h,i)perylene	NR	0.029 U	0.03 U	0.028 U	
Benzo(k)fluoranthene	NR	0.029 U	0.03 U	0.028 U	
Chrysene	NR	0.029 U	0.03 U	0.028 U	
Dibenzo(a,h)anthracene	0.09	0.029 U	0.03 U	0.028 U	
Fluoranthene	NR	0.029 U	0.03 U	0.028 U	
Fluorene	NR	0.029 U	0.03 U	0.028 U	
Indeno(1,2,3-cd)pyrene	6.0	0.029 U	0.03 U	0.028 U	
Naphthalene	1.8	0.029 U	0.03 U	0.028 U	
Phenanthrene	NR	0.029 U	0.03 U	0.028 U	
Pyrene	NR	0.029 U	0:03 U	0.028 U	
			Total Metals (mg/kg)	/kg)	
Lead	NR	NA	NA	NA	
			SPLP Metals (mg/L)	g/L)	
Arsenic	NR	NA	NA	NA	
Barium	2.0	NA	NA	NA	
Cadium*	0.05	NA	NA	NA	
Chromium	1.0	NA	NA	NA	
Lead*	0.1	NA	NA	NA	
Mercury*	0.01	NA	NA	NA	
Selenium	NR	NA	NA	NA	
Silver*	0.05	NA	NA	NA	

NOTES:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) NA - Not Analyzed.

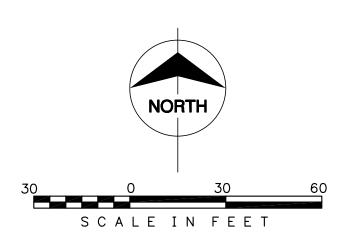
(3) Shaded values exceeded Tier 1 screening le.

(4) NR - Remedial objective not required - all concentrations below TACO Tier 1 levels.

(5) * No pt dependent value was available for barnum, cadmum, chromum, lead, mercury, and silver to evalaute the soil migration to groundwater pathway, so representative confirmation sample analyses included SPLP RCRA metals.

FIGURES





LEGEND

_____ ×_____ FENCE - PROPERTY LINE FORMER STRUCTURE/ BUSINESS LOCATION SOIL BORING PREVIOUS SOIL BORING B−1 ⊚ LOCATION BY WESTON PREVIOUS MONITORING WELL MW-01◆ LOCATION BY WESTON PREVIOUS SURFACE SOIL SAMPLE SS-01 ▲ LOCATION BY WESTON PREVIOUS TRENCH SAMPLE TR-01 LOCATION BY WESTON PBS-B1 PREVIOUS SOIL BORING LOCATION BY CARNOW, CONIBEAR & ASSOCIATES, LTD.

SOURCES:

- 1. HANSON ENGINEERS FIGURE 3.4 FROM THE JULY 1992 PRELIMINARY
- 2. SITE INVESTIGATION REPORT FOR NORTH SHORE AVENUE STATION. PEOPLES ENERGY, ROGERS PARK SUB-SHOP INSURANCE PLAT,
- 3. SCALE 1"=40', 1999.
- PEOPLES GAS, PLAT OF SURVEY FOR, SOUTHERN PARCEL OF
- 4. NORTH SHORE STATION, SCALE 1"=40', JULY 1956.
- <u>₩6\$EO</u>N FIELD OBSERVATIONS.

ALL DIMENSIONS AND LOCATIONS ARE APPROXIMATE.

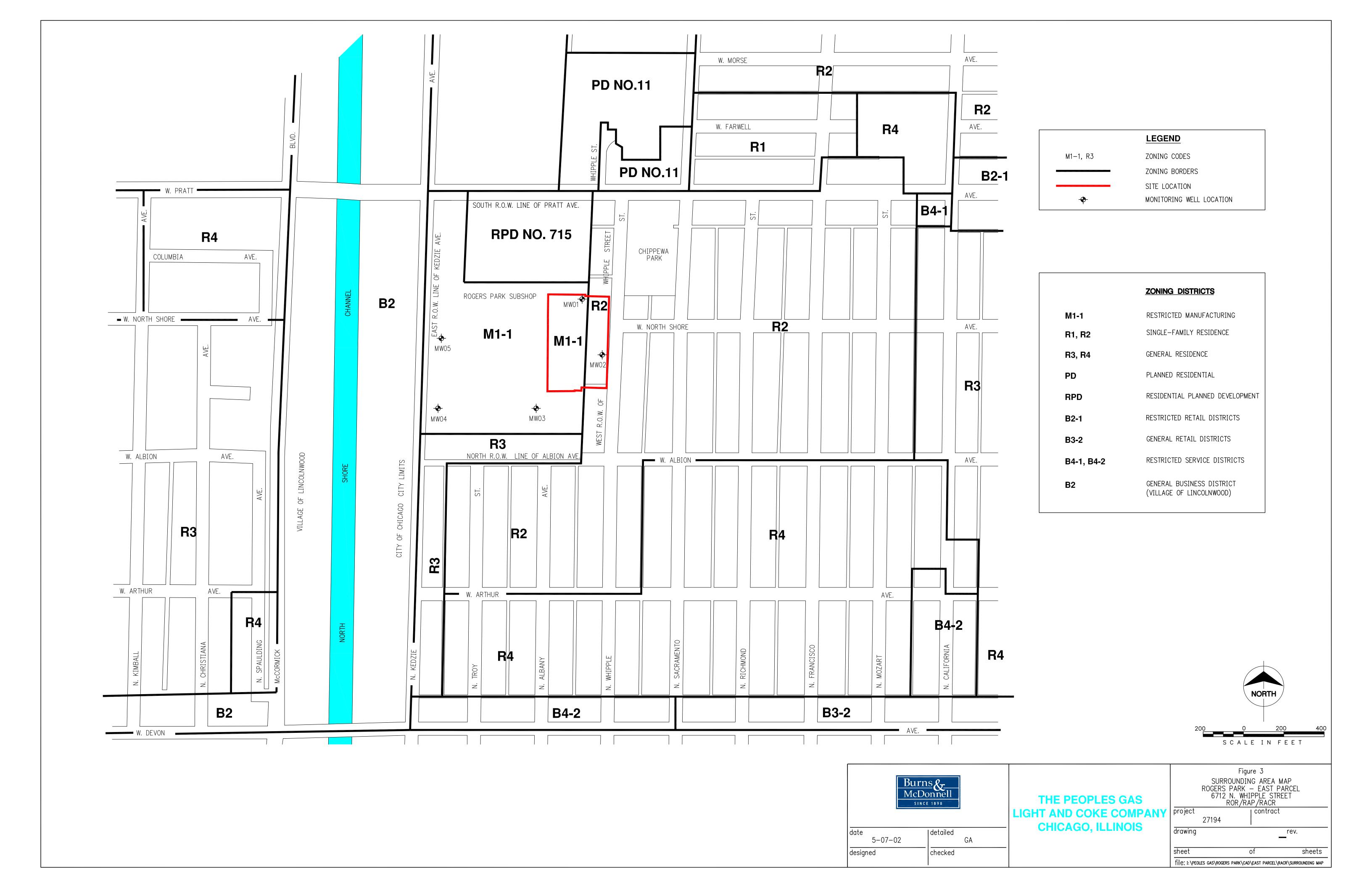


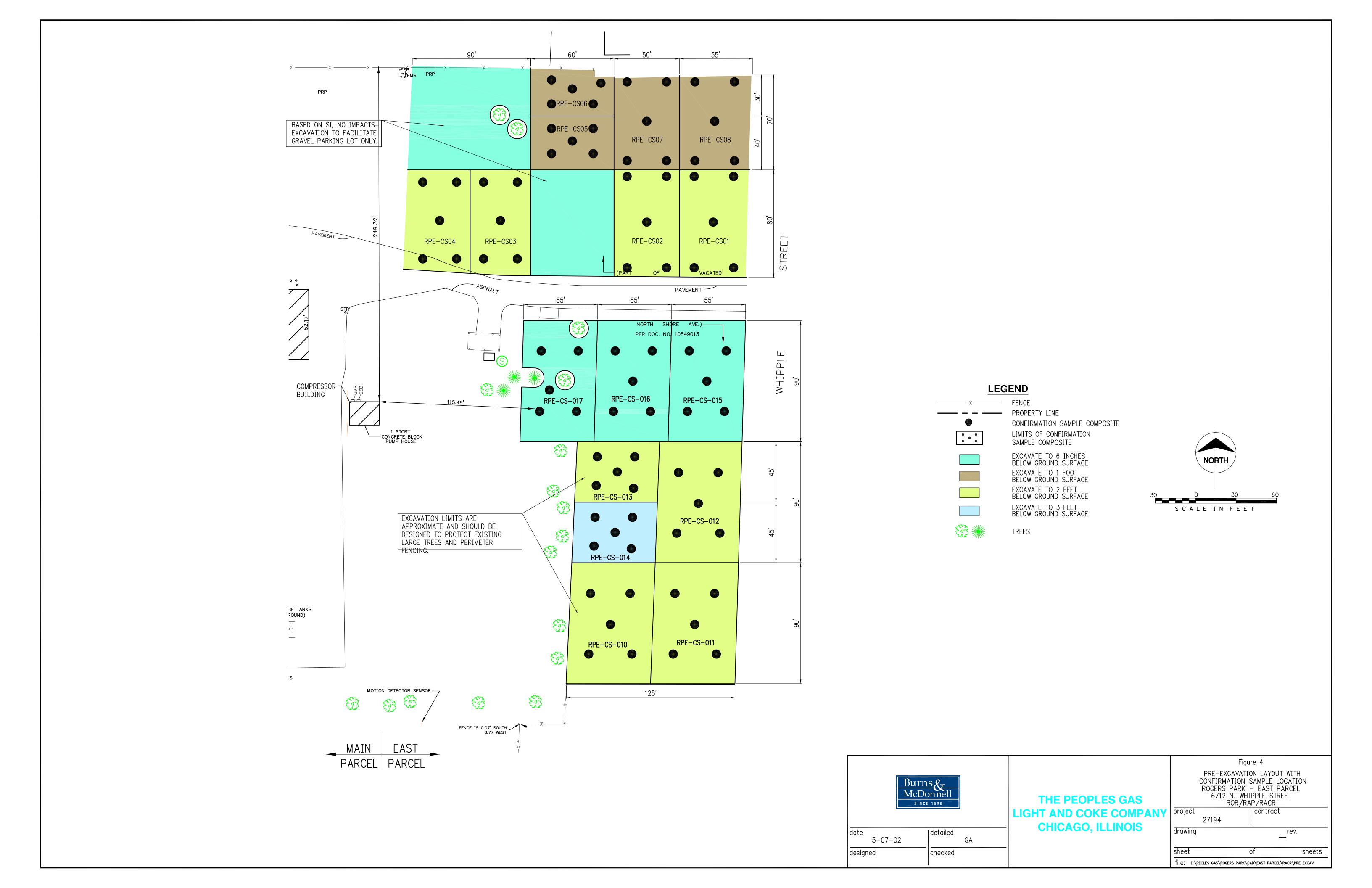
| detailed 5-07-02 GA checked designed

THE PEOPLES GAS LIGHT AND COKE COMPANY Project CHICAGO, ILLINOIS

Figure 2 SAMPLE LOCATION MAP ROGERS PARK — EAST PARCEL 6712 N. WHIPPLE STREET ROR/RAP/RACR ı contract 27194 drawing rev. sheets

file: I:\PEOLES GAS\ROGERS PARK\CAD\EAST PARCEL\RACR\SAMPLE LOCATION







APPENDIX A STATISTICAL CALCULATIONS

Statistical Analysis Results Rogers Park East Parcel Summary Table

	,		Normality					Basic St	Basic Statistical Analysis Result	ysis Result			
Chemical	Size of Sample	Normal	Lognormal	Non-	Mean	Lognormal Standard mean Deviation		Median	Minimum Maximum	Maximum	Mean	SE	95% UCL
		Distribution	Distribution	parametric	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Arsenic (0-3 ft bgs)	38			×	10.200	10.675	5.816	9.335	0.785	23.3	10.20	0.951	11.764
Arsenic (0-10 ft bgs)	63		×		9.802	10.158	5.958	7.6	0.785	23.3			12.132

NOTES;

ft bgs - feet below ground surface
UCL - upper confidence limit

* 95% UCL calculated using soil samples collected from 0-3 ft bgs and then using soil samples collected from 0-10 ft bgs.

** A duplicate sample was collected at TR-102. The higher arsenic concentration of 6.30 mg/kg was used in the 95% UCL calculation of soil samples collected from 0-10 ft bgs.

*** Shaded value is the higher value (more conservative value) that was used as the 95% UCL for arsenic at the site.

**** 95% UCL calculated using MTCAStat 97 Program. Data analysis output from the program is included in Appendix A.

Relevant Equations for the Upper Confidence Limit (UCL) calculation:

Lognormal Distribution:

UCL = $\exp(y + 0.5 \text{ sy} \cdot 2 + \frac{\text{Sy} + H_{1-\alpha}}{\text{m}})$

Based upon bootstrap method (Efron & Tibshirani, 1993) Non-Parametric Distribution:

y = mean of the log (e) - transformed data

exp = e raised to the indicated power Sy = standard deviation of the log (e) – transformed data

n = number of samples

Background data analysis

	Α	В	С	D		E	F		G	Н
	DATA	ID							Paste values	
2		east 0-3			r					
3	3.58		Number of samples		Uncensore	d values			(Sort data)	
4	5.48		Uncensored	38	Mean		10.200			
5	13.8		Censored		Lognormal r	nean	10.675			
6	5.24		Detection limit or PQL		Std. devn.		5.816			Finished
7	6.32		Method detection limit		Median		9.335		Lognormai	
8	5.18		TOTAL	38	Min.		0.785			Exit
9	16.6		ENTER DAT	A	Max		23.3		(Normal)	MTCAStat
10	10.3	-								IMI CASIAI
11	5.11				,				(Neither)	
12	3.01		Probability p	olot metho	d	W test	D'Agostino's	stest		
13	6.17					<u> </u>				
14	4.66		Lognormal distribution?			distribution?			Clear messages	
15	7.6		r-squared is:		j r	-squared is:				
16	9.99		Recommendations:						(Clear all	
17	3.58		Reject lognormal distr							
18	9.19	and the second s	W value is 0.9296. This		in the tabled	value of 0.93	8		Histogram	
19	7.2		Reject normal distribu						Thotogram	
20	5.2		W value is 0.9329. This	is less tha	n the tabled	value of 0.93	8		_ (5 _ (10 _ (20)	
21	7.3								$ \bigcirc$ $ \bigcirc$ $ -$	
22	9.48							1	Create report	
23	15.6									
24	7.76								Sample size	
25	19.2									
26	16.3									
27	15.9									
28	23.3									
29	10.8									
30	20.4									
31	15.1			CHARLES STREET, SWITTERS						
32	14.4									
33	19.9									
34	10.8									
35	9.99									
36	4.34									
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38	12.75		1				· · · · · · · · · · · · · · · · · · ·			
39	5.3			*** ***						
40		a)+		***************************************	Matematicae (b. + 1 fish for funds - accordance	. Contact (100 and 100				
										

*** Summary Statistics for data in: SDF47 ***

AS
Min: 0.78500
1st Qu: 5.25500
Mean: 10.20039
Median: 9.33500
3rd Qu: 14.92500
Max: 23.30000
Total N: 38.00000
NA's: 0.00000
Std Dev: 5.81588

*** Bootstrap Results ***

Call:

Number of Replications: 2000

Summary Statistics:

Observed Bias Mean SE Param 10.2 0.002307 10.2 0.9511 95% UCL = 10,2 + 1.685 (0,951) = 11.7645

Empirical Percentiles:

2.5% 5% 95% 97.5% Param 8.418339 8.653079 11.80068 12.14395

BCa Percentiles:

2.5% 5% 95% 97.5% Param 8.466042 8.704616 11.90202 12.225

A 8 C D E F G H	Н
3	
4 3.58	
S 2.59	
S48	
7 13.800 Melmod datection limit So Main. 7.6 Cognormal PIIISTED 8 5.84 TOTAL So Main. 0.765 TOTAL 9 5.24 ENTER DATA Max 23.3 Normal 10 3.77 11 6.32	
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10 10 30	
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	Control of Bridge of Stripe in some or consider animals.
62 12.75	
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APPENDIX B PHOTO LOG



Peoples Gas Rogers Park East Parcel 6-25-01

View of the northeast portion of the East Parcel. Water truck is in use for dust control. Backfilling is beginning.



Peoples Gas Rogers Park East Parcel 6-27-01

View of the northeast portion of the East Parcel. Grading granular backfill.



Peoples Gas Rogers Park East Parcel 6-28-01

View looking at the northwest portion of the East Parcel prior to completion of grading.



Peoples Gas Rogers Park East Parcel 3-12-02

View looking at the southeast portion of the East Parcel. Excavation is beginning.



Peoples Gas Rogers Park East Parcel 3-12-02

View looking to the northeast at the stockpiled excavated soil.



Peoples Gas Rogers Park East Parcel 3-12-02

View of the southern limits of excavation.



Peoples Gas Rogers Park East Parcel 3-12-02

View of stockpiled soil covered until next day loading and disposal.



Peoples Gas Rogers Park East Parcel 3-13-02

View of excavation to a depth of 3-feet below ground surface (bgs) in the center of the East Parcel.



Peoples Gas Rogers Park East Parcel 3-15-02

View of excavation progress south of the roadway.



Peoples Gas Rogers Park East Parcel 3-20-02

View of excavation at the northeast corner to depth of approximately 8-feet bgs.



Peoples Gas Rogers Park East Parcel 3-20-02

View of stockpiled soil from northeast corner excavation.



Peoples Gas Rogers Park East Parcel 3-21-02

View of northeast corner excavation backfilled.



Peoples Gas Rogers Park East Parcel 3-22-02

View of completed granular backfill looking to the northeast.

APPENDIX C WASTE CHARACTERIZATION ANALYTICAL RESULTS

Test/merica

Ms. Margaret Kelley BURNS & MCDONNELL 2601 West 22nd Street Oakbrook, IL 60523 04/27/2001

Job Number: 01.03541

IEPA Cert. No.: 100221 WDNR Cert. No.: 999447130

Enclosed is the Analytical and Quality Control reports for the following samples submitted to Bartlett Division of TestAmerica for analysis.

Project Description: #27193-3.06, Rogers Park South/Chicago

Sample Date Date Date Number Sample Description Taken Received

625032 RPS-WC1 04/23/2001 04/23/2001

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. These results apply only to the samples analyzed. Reproduction of this report only in whole is permitted. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Procedures used follow TestAmerica Standard Operating Procedures which reference the methods listed on your report. Should you have questions regarding procedures or results, please do not hesitate to call. TestAmerica has been pleased to provide these analytical services for you.

This Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Approved by:

Project Manager

Page 1 of 12

Test/merica

ANALYTICAL REPORT

Ms. Margaret Kelley BURNS & MCDONNELL 2601 West 22nd Street Oakbrook, IL 60523 04/27/2001

Sample No. : 625032

Job No.: 01.03541

Sample Description:

RPS-WC1

#27193-3.06; Rogers Park South/Chicago

Date Taken: 04/23/2001 Time Taken: 14:00 IEPA Cert. No. 100221 Date Received: 04/23/2001 Time Received: 16:45 WDNR Cert. No. 999447130

-			- TR-7 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 2000 - 200				
	1	;	Date Time	Reporting		Batch No.	Analytical
Parameter	Result Flag	Onits	Analyzed Analyzed	Limit	Analyst	Prep/Run	Method
Eartine cor	-						*
ASTM-pH	8 31	units	04/27/2001 :	0.10	dat	34	ASTM D3987-85
ASIM Preparation	Complete		04/24/2001		reh	70	ASTM D3987-85
ASIM-COD	<20	mg/L	04/26/2001 _	20	kmb	23	SM 5220
ASIM-COD ASIM-Cyanide	<0.005	mg/L	04/27/2001	0.005	dat	70	
Flashpoint	>200	Degree F	04/27/2001	72	cdp	757	SW 101.0
ASTM-Ammonia	<0.50	mg/L	04/25/2001	0.50	kmb	33	EPA 350.1
ASTM-Oxidizer Screen	no reaction		04/27/2001	NA	pbk	70 4	ASTM 4981-89
Paint Filter Test	pass		04/27/2001	NA	pbk	626	SW 9095A
pH, Non-Aqueous	8 08	units	04/27/2001	0.10	cdp	489	SW 9045B
	78.2	*	04/26/2001	0.1	cdp	3934	SM 2540
Solids, Total	Leached		04/24/2001		reh	1394	SW 1311
TCLP Metals Extraction TCLP-Arsenic, ICP	<0 20	mg/L	04/26/2001	0.20	aks	3694 5711	SW 6010B
	0.402	mg/L	04/26/2001	0.020	aks	3694 5713	SM 6010B
TCLP-Barium, ICP	<0.010	mg/L	04/26/2001	0.010	aks	3694 6598	SW 6010B
TCLP-Cadmium, ICP	<0.040	mg/L	04/26/2001	0.,040	aks	3694 5702	SW 601.0B
TCLP-Chromium, ICP	<0.200	mg/L	04/26/2001	0.200	aks	3694 5906	SW 6010B
TCLP-Lead, ICP	<0.200	mg/L	04/26/2001	0.0002	efw2	1750 1548	SW 7470A
TCLP-Mercury, CVAA	<0.20	mq/L	04/26/2001	0.20	aks	3694 5517	SW 601.0B
TCLP-Selenium, ICP	<0.20	mg/L	04/26/2001	0.050	aks	3694 5921	SW 6010B
TCLP-Silver, ICP	Leached	mg/ ti	04/24/2001		reh	737	SW 1311
TCLP Organic Prep			04/24/2001		jjh	700	SW 3550B
Prep PCBs 8082 NonAqueous	extracted		04/24/2001				
•						**	
PCBs 8082 NonAqueous		/1	04/24/2001	320	skb	700 204	SW 8082
PCB-1016	<320	ug/kg dw	04/24/2001	320	skb	700 204	SW 8082
PCB-1221	<320	ug/kg dw	04/24/2001	320	skb	700 204	SW 8082
PCB-1232	<320	ug/kg dw	•	320	skb	700 204	SW 8082
PCB-1242	<320	ug/kg dw	04/24/2001	U			

Test/meri

ANALYTICAL REPORT

Ms. Margaret Kelley, BURNS & MCDONNELL, 2601 West 22nd Street Oakbrook, IL 60523

04/27/2001

625032 Sample No. :

Job No.: 01.03541

Sample Description:

RPS-WC1

#27193-3.06; Rogers Park South/Chicago

Date Taken: 04/23/2001 Time Taken: 14:00 IEPA Cert. No. 100221

04/23/2001 Date Received: Time Received: 16:45 WDNR Cert. No. 999447130

: Parameteř	Result	Flag	Units	Date Analyzed	Time Ana Tyzed	Reporting Limit	Analyst	Batch No Prep/Run	-
PCB-1248 PCB-1254 PCB-1260 Surr: Tetrachloroxylene (TCX) Surr: Decachlorobiphenyl (DCB) Prep, BNA Extract (TCLP)	<320 <320 <320 108:0 123:0 extracted		ug/kg dw ug/kg dw ug/kg dw %	04/24/2001 04/24/2001 04/24/2001 04/24/2001 04/24/2001 04/26/2001		320 320 320 320 51-135 55-123	skb skb skb skb msr	700 204 700 204 700 204 700 204 700 204 950	SW 8082 SW 8082 SW 8082 SW 8082 SW 8082 SW 3510C
TCLP HASE NEUTRAL COMPOUNDS TCLP-Hexachlorobenzene TCLP-Pyridine Surr: Nitrobenzene-d5 Surr: 2-Fluorobiphenyl Surr: Terphenyl-d14 ASTM-Oil 1 Crause Reactive Sulfide	<0.10 <0.10 63.0 62.0 68.0 11 <10	RIROR4	mg/L % % mg/L mg/L mg/kg	04/27/2001 04/27/2001 04/27/2001 04/27/2001 04/27/2001 04/26/2001 04/25/2001		0.10 0.10 27-118 29-109 31-123 5.0	dap dap dap dap dap dap mas	737 1899 737 1899 737 1899 737 1899 737 1899 20 962	SW 8270C SW 8270C SW 8270C

RIR3R4: USEPA RL for this analyte is 500mg/Kg Results below the USEPA RL(s) are for informational purposes only. Per USEPA Methods Information and Communication Exchange.

QUALITY CONTROL REPORT

CONTINUING CALIBRATION VERIFICATION

BURNS & MCDONNELL 2601 West 22nd Street Oakbrook, IL 60523

Ms. Margaret Kelley

04/27/2001

Job Number: 01.03541

	1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :	Run	CCV [
	1 *	Batch	True	Conc.	Percent
Analyte		Number	Conc. 4	Found	Recovery
ASTM-Cyanide	*	70	0.115	0.122	106.1
ASTM Cyanide		70	0.115	0.122	106:1
ASTM-Cyanide		70	0.115	0.112	97.4
ASTM-Ammonia		33	15.0	14.2	94.7
ASTM-Ammonia		33	15.0	14 . 7	98 -0
ASTM-Ammonia		33	5.00	5.13	102.6
ASTM-Ammonia		33	5.00	4.99	99.8
pH, Non-Aqueous		489	700	7.07	101.0
TCLP-Arsenic, ICP		5711	2.00	2.03	101.5
TCLP-Barium, ICP		5713	2.00	1 96	98.0
TCLP-Cadmium, ICP		6598	1.00	0969	96.9
TCLP-Chromium, ICP		5702	2.00	1.96	98.0
TCLP-Lead, ICP		5906	2.00	1.96	980
TCLP-Mercury, CVAA		1548	0.0025	0.00262	104.8
TCLP-Selenium, ICP		5517	200	195	97.5
PCBs 8082 NonAqueous					
PCB-1016		204	250	268	107.2
PCB-1260		204	250	270	1080
PCBs 8082 NonAqueous					
PCB-1016		204	750	740	98.7
PCB-1260		204	750	776	103.5
Reactive Sulfide		962	390	400	102.6

Test/merica

QUALITY CONTROL REPORT

BLANK ANALYSIS

BURNS & MCDONNELL 2601 West 22nd Street Oakbrook, IL 60523

Ms. Margaret Kelley

04/27/2001

Job Number: 01.03541

					1			
	Erep	, Ruri	Blank	是强处	70			
	Batch	Batch	Analysis		Reporting	Analytical		
Analyte	Number	Number	Results	Units	Dimit	Method		
* ;	,							
ASTM-COD	•	23	<20	mg/L:	20	SM 5220		
ASTM-Cyanide		70	<0.005	mg/L	0.005			
Flashpoint		757	< 72	Degre	¹ 72 ¹	SW 1.010		
ASTM-Ammonia		33	<0.50	mg/L	0.50	EPA 350.1		
ASTM-Ammonia		"33	<0.50	mg/L	0.50-	EPA 350.1		
Solids, Total		3934	<0.1	옿	0.1	SM 2540		
TCLP Metals Extraction		1394	extracte			SW 1311		
TCLP-Arsenic, ICP	3694	5711	<0.20	mg/L	0.20	SW 6010B		
TCLP-Barium, ICP	3694	5713	<0.020	mg/L	0-050	SW 6010B		
TCLP-Cadmium, ICP	3694	6598	<0.010	mg/L	0.010	SW 6010B		
TCLP-Chromium, ICP	3694	5702	<0.040	mg/L	0.040	SW 6010B		
TCLP-Lead, ICP	3694	5906	<0.200	mg/L	0.200	SW 6010B		
TCLP-Mercury, CVAA	1750	1548.	<0.0002	mg/L	0.0002	SW 7470A		
TCLP-Selenium, ICP	3694	5517	<0.20	mg/L	0.20	SW 6010B		
TCLP-Silver, ICP	3694	5921	<0.050	mg/L	0.050	SW 6010B		
PCBs 8082 NonAqueous						SW 8082		
PCB-1016	700	204	<250	ug/Kg	250	SW 8082		
PCB-1221	700	204	<250	ug/Kg	250	SW 8082		
PCB-1232	700	204	<250	ug/Kg	250	SW 8082		
PCB-1242	700	204	<250	ug/Kg	250	SW 8082		
PCB-1248	700	204	<250	ug/Kg	250	SW 8082		
PCB-1254	700	204	<250	ug/Kg	250	SW 8082		
PCB-1260	700	204	<250	ug/Kg	250	SW 8082		
Surr: Tetrachloroxylene (TCX)	700	204	106.0	*	51-135	SW 8082		
Surr: Decachlorobiphenyl (DCB)	700	204	119.0	*	55-123	SW 8082		
TCLP BASE NEUTRAL COMPOUNDS						SW 8270C		
TCLP-Hexachlorobenzene	737	1676	<0.10	mg/L	0.10	SW 8270C		
TCLP-Pyridine	737	1676	<0.10	mg/L	0.10	SW 8270C		
Surr: Nitrobenzene-d5	737	1676	68.0	3	35-114	SW 8270C		

Test Inerica

QUALITY CONTROL REPORT

BLANK ANALYSIS

BURNS & MCDONNELL 2601 West 22nd Street Oakbrook, IL 60523

Ms. Margaret Kelley

04/27/2001

Job Number: 01.03541

Analyte	Prep Batch Number	Run Batch Number	Blank Amalyşi Results	Units	Reporting Limit	Analytical Method
Surr: 2-Fluorobiphenyl	737	1.676	69 0	}	7 43-116	SW 8270C
Surr: Terphenyl-dl4	73.7	1676	70.0	*	33-141	SW 8270C
ASTM-Oil & Grease		20	<5	mg/L	5.0	EPA 413.1
Reactive Sulfide		962	<10	mg/kg	10	SW 7.3/9034

TOSTATION OF PRATES

QUALITY CONTROL REPORT

LABORATORY CONTROL STANDARD

BURNS & MCDONNELL 2601 West 22nd Street Oakbrook, IL 60523

04/27/2001

Job Number: 01.03541

Ms. Margaret Kelley

				10 5				
	Prep	Run			o a til	:		
	Batch	Batch	•	True'.	Conc		LCS	
Analyte	Number	Number	7	Conc.	Found		% Recovery	7
And Ly Co	7.4			- 4 - 5		: **·		
ASIM-COD :		23	#	25	27	- -	108.0	
ASTM-COD		23		100	96	3	960	
ASTM-Cyanide		70 :	,i	0.191	0.192		100.5	
ASTM-Cyanide		70		0.048	0.045		93.8	
ASTM-Ammonia		33		15.0	16.0		1.06.7	
ASTM-Ammonia		33		5.00	5.05	-	101.0	
ASTM-Ammonia		33		15.0	1.5 . 6		104.0	
ASTM-Ammonia		33		500	505		101.0	
TCLP-Arsenic, ICP	3694	5711		0.500	0.527		105.4	
TCLP-Barium, ICP	3694	5713		0.500	0.507		101.4	
TCLP-Cadmium, ICP	3694	6598		0.500	0.500		100.0	
TCLP-Chromium, ICP	3694	5702		0.500	0.505		101.0	
TCLP-Lead, ICP	3694	5906		0.500	0:509		101.8	
TCLP-Mercury, CVAA	1750	1548		0.0025	0.00266		106.4	
TCLP-Selenium, ICP	3694	5517		0.500	0.508		101.6	
TCLP-Silver, ICP	3694	5921		0.500	0.494	Ť	98.8	
PCBs 8082 NonAqueous			-					
PCB-1016	700	204		2500	2987		119.5	
PCB-1260	700	204		2500	2933		117.3	
Surr: Tetrachloroxylene (TCX)	700	204		100	120		120.9	
Surr: Decachlorobiphenyl (DCB)	700	204		100	136	SURROU	136.0	
TCLP BASE NEUTRAL COMPOUNDS								
TCLP-Hexachlorobenzene	737	1.676		80	63		78.8	
TCLP-Pyridine	737	1,676		80	38		47.5	
Surr: Nitrobenzene-d5	737	1676		100	74		74.0	
Surr: 2-Fluorobiphenyl	737	1676		100	70	-	70.0	
Surr: Terphenyl-dl4	737	1676		100	75		75.0	
ASTM-Oil & Grease		20		100	98		98.0	
Reactive Sulfide	n'	962		390	34		8 ., 7	
•								

Test/merica

QUALITY CONTROL REPORT MATRIX SPIKE/MATRIX SPIKE DUPLICATE

04/27/2001

Ms. Margaret Kelley BURNS & MCDONNELL 2601 West 22nd Street Oakbrook, IL 60523

Job No: 01.03541

Job Description: #27193-3.06; Rogers Park South/Chicago

			in the second se									
	Prep	Run			(达)	0.7		MS Percent	MSD Percent			Sample
	Batch	Batch,	Sample	Spike	૽ૢૡૢ૽ૺ	Spike:	MSD			*	0.00	-
Analyte	Number	Number	Result	Amount	Units		Result	Recovery	Recovery	1	RPD	Spiked
=				1		_						
		23	<20	25	mg/L	27	-26	108.0	104.0	3	3 8	625059
ASTM-COD		1394	Leached		-	•				e .		624139
TCLP Metals Extraction				0.500	mg/L	2.51	2.55	76 - 0	840		16	623996
TCLP-Barium, ICP	3694	5713	2.13			0.446	0.454	89.2	90.8	J	18	623996
TCLP-Chromium, ICP	3694	5702	<0.040	0.500	mg/L			1196	116.4	5	2.7	625157
TCLP-Mercury, CVAA	1750	1548	<00002	0.0025	mg/L	0.00299	0.0029				L.O	625032
TCLP-Mercury, CVAA	1750	1548	<0.0002	0.0025	mg/L	0.00294	0.0029	117.6	116.4			
TCLP-Silver, ICP	3694	5921	<0.050	0.500	mg/L	0.447	0.452	89.4	90.4	_	LI	623996
												625032
'CBs 8082 NonAqueous	700	204	<250	2475	ug/kg	3075	3045	124 . 2	123.0 .	1	L O	625032
- PCB-1016	700			2475	ug/kg	2902	2890	1173	116.8	C	1.4	625032
PÇB-1250	700	204	<250				116	116.0	11.6.0	C	0.0	625032
Surr: Tetrachloroxylene (700	204	108	100	ug/L	11.6			1320	1	5	625032
Surr: Decachlorobiphenyl	700	204	123	100	ug/L	134 .	132	1340			1.3	625191
Reactive Sulfide	:	962	<1.0	390	mg/kg	25	23	6.4	5.9	٥		

NOTE: Matrix Spike Samples may not be samples from this job.

MS = Matrix Spike

MSD = Matrix Spike Duplicate

RPD = Relative Percent Difference

RPD calculations are performed on the Percent Recovery calculated from the observed Matrix spike and Matrix Spike Duplicate results.

MSI = Matrix Spike Level Insignificant (<25%) compared to background level.

Test/merica

QUALITY CONTROL REPORT

DUPLICATES

BURNS & MCDONNELL 2601 West 22nd Street Oakbrook, IL 60523 04/27/2001

Job Number: 01.03541

Ms. Margaret Kelley

	Prep Batch	-	Original	, Dúplicate		
Analyte	'Number	Number	Analysis.		Units	RPD
Flashpoint		757	>200	>200 - 4	Degree	
ASTM-Oxidizer Screen	70	4	no react	no reacti	4	
Paint Filter Test	a	626	pass	pass		
Solids, Total		3934	808	808	농	0 0

NOTE: Spikes and Duplicates may not be samples from this job.

Test/merica

Ms. Margaret Kelley BURNS & MCDONNELL 2601 West 22nd Street Oakbrook, IL 60523 04/27/2001

Job Number: 01.03541

IEPA Cert. No.: 100221 WDNR Cert. No.: 999447130

Project Description: #27193-3.06; Rogers Park South/Chicago

CASE NARRATIVE

No analytical exceptions were noted outside of routine method protocols.

Test America

		KEY TO ABBREVIATIONS and METHOD REFERENCES?
<	:	Less than; When appearing in the results column indicates the analyte was not detected at or
		above the reported value.
		-
N/S		No coliform bacteria were present and the opinion is satisfactory.
м/ Э	•	
ъ / ст	:	Coliform bacteria were present and the opinion is unsatisfactory.
P/U	•	COTTOE MALE PRODUCT AND SPECIAL CONTRACTOR OF THE PRODUCT OF THE P
		Concentration in units of milligrams of analyte per liter of sample. Measurement used for
mg/L	:	
		aqueous samples. Can also be expressed as parts per million (ppm).
		the first way of analytic and of sample. Management wood for
₽\$\5	:	Concentration in units of micrograms of analyte per gram of sample. Measurement used for
		non-aqueous samples. Can also be expressed as parts per million (ppm) or mg/Kg.
ug/L	:	Concentration in units of micrograms of analyte per liter of sample. Measurement used for
		acueous samples. Can also be expressed as parts per billion (ppb).
ug/Kg	:	Concentration in units of micrograms of analyte per kilogram of sample. Measurement used for
		non-aqueous samples. Can also be expressed as parts per billion (ppb).
		그리고 그는 그리고 있는 사람들은 사람들이 가장 살아 있다.
TCLP	:	These initials appearing in front of an analyte name indicate that the Toxicity Characteristic
		Leaching Procedure (TCLP) was performed for this test:
Suz=:	:	These initials are the abbreviation for surrogate. Surrogates are compounds that are chemically
_		similar to the compounds of interest They are part of the method quality control requirements.
\$:	Percent; To convert ppm to %, divide the result by 10,000.
-		To convert % to ppm, multiply the result by 10,000.
ICP		Indicates analysis was performed using Inductively Coupled Plasma Spectroscopy
10.5		That could be an an analysis of the second o
2.2		Indicates analysis was performed using Atomic Absorption Spectroscopy.
AA	•	indicates and job was positioned easily seemed to separate the separate separate
GE2.3		Indicates analysis was performed using Graphite Furnace Atomic Absorption Spectroscopy.
GFAA	:	indicates analysis was performed daing draphice rained neomits into perform and
		Practical Quantitation Limit; the lowest level that can be reliably achieved within specified
PQL	:	Practical Quantitation himit; the lowest level that can be island, desired a server during routing laborators, operating conditions
		limits of precision and accuracy during routine laboratory operating conditions.
Method	References	
ASTM	"American So	ciety for Testing Materials"
		7.002
EPA	"Methods for	Chemical Analysis of Water and Wastes", USEPA, EPA 600/4-79-020, Revised March 1983.
		S. A. C. C. C. A. C. Municipal and Industrial Mastewater" EPA 600/4-82-057. July
7777	NOT 34 3 2 -	- S. O. O. O. O. C.

"Test Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", EPA 600/4-82-057, July EPA 1982.

"Methods for the Determination of Organic Compounds in Finished Drinking Water and Raw Source Water", USEPA, SDWA

"Methods for the Determination of Metals in Environmental Samples", Supplement I USEPA, EPA-600/R-94/111, May SDWA 1994.

"Standard Methods for the Examination of Water and Wastewater", APHA-AWWA-WPCF, 18th Edition.

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", USEPA, SW-846.

Testinerica

ATTACHMENT: CHAIN OF CUSTODY

Following are the chain of custody documents associated with the samples pertaining to this report.

850 West Bartlett Road Bartlett Division

Bartlett, IL 60103

630-289-5445 Phone: 630-289-3100

To assist us in using the proper analytical methods, is this work baing conducted for regulatory purposes? Compliance Monitoring S KATIES Report To: Invoice To: Project Nama: Project #: Site/Location ID: D301 066 120 ples Gas Buno MCBina Fax:(23) クロログ Q Telaphone. Number: 1030 990 030 DN (20 55 BEGORK largaret K Tallsager ググ Project Manager: Client Name Clly/State/Zlp Code: Address: Sampler Name: (Print Name)

PO#: Analyze For: Quote #: Preservation & # of Containers Matrix Sampler Signature:

None

CC Deliverables (Balch QC) Level 2 Level 3 Level 4 "REMARKS Ollier Office (Specify) 2100 خ None Methagiol 705²H HOEN HCI EONH Specify Other WW - Wastewater GW - Groundwater bilosvios - s 25 :: 2mqde DW - Drinking Water Field Filtered G = Grab, C = Compositebalqms2 amiT 0-Date Sampled Rush (surcharges may apply) ate Needed: $U[O(\wp/\lozenge)]$ PC an Results: Standard AMPLE ID

ASTM D39 Q1-85 Extract, COD fates, oil & grease, ammonia nitrogen, ptt TIME; 3 575 My Defection Limit For TCLP (Exachloroben Para Mauritipe below On 13 ppm 37.3 Date: 1 23 Time: 'LO Received By Coll Pate: 101 telinquished By Relinquished By:

Wath 621 64 Style Style Style 54:45 Time: 1/(23/0/ Date:

Received By: NOR Received By: TIme: Time: Date: Date:

elinquished By:

APPENDIX D
AMBIENT AIR MONITORING DOCUMENTATION
(Equipment Calibration Sheets and Real-Time Air Monitoring Results)

		Real-Time	Real-Time Ambient Air Sampling Field Data Sheet	ata Sheet		
Project: Peoples- Rogers Park South Project #: 27193-4.07	Sogers Park South 27193-4.07	Site Activities: \mathcal{F} Date: \mathcal{C}/\mathcal{A}	PEMOVING Soil	Sampler: Weather: P	PT. SUNY X	7C ~784
FENCE LINE LOCATION	Time	Make: M.J. RAE 2000 Model: ID:	Dust Meter (mg/m³) Make: Drem Model: Model: Model: Model	Benzene (ppm)	Odors	Remarks
NORTH	0140	000	0000 0		1220	
SOUTH		05.00	0000.0			
EAST		20.0	00000			
WEST		0.00	0 0 o · O			
NORTH	0830	0,00	e		No.	
SOUTH		00°C	0.000			
EAST		0.09	0000			
WEST		00,0	900,00			
NORTH	0830	0.00	0000		Work	
SOUTH		0.00	0000			
EAST		0,00	O-&-O			
WEST		0.00	0.00			

		Real-Time A	Real-Time Ambient Air Sampling Field Data Sheet	ata Sheet		
Project: Peoples- Rogers Park South Project #: 27193-4.07	ogers Park South 27193-4.07	Site Activities: Rems Date: 6/19/0/	Site Activities: Pemo Vins Sail Date: 6/19/0/	Sampler: Weather:	MOSTLY SUNNY	SAFTIC SUMMY = 82°F
FENCE LINE LOCATION	Time	PID Make: Μ.μ. ΦΑΕ 20co Model:	Dust Meter (mg/m³) Make: <u>pか たみづ</u> Model: <u>アハモ</u> ID:	Benzene (ppm)	Odors	Remarks
NORTH	1230	6.00	0.000		None	
SOUTH		0.00	0,000			
EAST		0.00	0.00.0			MONITOREN FAR FAST
WEST		0.00	0000			60 741 6
NORTH	1330	0.00	0,000		Nore	
зоитн		00.00	0,000			
EAST		0,00	0.000			MONITORED FAR EAST
WEST		00.0	ن مه .٥٠			
NORTH	1430	00,00	0.00.0		Wore	
зоитн) o o	C,000			
EAST		0,00	0.000			Montrakes for the
WEST		0.00	0-000			

		Real-Time A	Real-Time Ambient Air Sampling Field Data Sheet	Data Sheet		
Project: <u>Peoples- Rogers Park South</u> Project #: 27193-4.07	Sogers Park South 27193-4.07	Site Activities: Demona	emound Soil	Sampler: Weather:	MOSTLY SUNNY	MOSTLY CUMMY, ~ BSOF
FENCE LINE LOCATION	Time	PID Make: M1.4, RAC 2000 Model:	Make: Min Rate 2000 Make: DDPM Model: Model: Model: DDPM Model: DDPM Model: DDPM Model: DDPM Model: Mile	Benzene (ppm)	Odors	Remarks
NORTH	1545	000	900° Q		None	
SOUTH		0.00	0,000			
EAST		0,00	0.000			Mortroper For Fact
WEST	-	0.00	0.000		_	
NORTH						
SOUTH						
EAST						
WEST						
NORTH						
SOUTH						
EAST						
WEST						

Project Feeples Robers Park South Site Activities. Ecrowwy Soil. Sampler: Dipay Cocopy Dipay Cocopy PhD Date: Dipay Cocopy District Cocopy Note of the project of th			Real-Time A	Real-Time Ambient Air Sampling Field Data Sheet	Data Sheet		
ATTON ATTON ATTON ATTON ATTON ATTON ATTON ACTION A	Project: <u>Peoples- F</u> Project #:	Sogers Park South 27193-4.07	Site Activities: B	EMOVING SOIL	Sampler: Weather:	NOTH CLOS	FIIC MESE
0735 0.00 0.000 None 0.00 0.000 0.000 0.00 0.000 0.000 0.00 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FENCE LINE LOCATION	Time	PID MINI RAG	Dust Meter (mg/m³) Make: DRMM Model: Mt E	Benzene (ppm)	Odors	Remarks
0945 0.000 0.000 Naze 0845 0.00 0.000 Naze 0.00 0 0.000 0.000 Noze 0.00 0 0.000 0.000 Noze	NORTH	0735	0000	0.000		None	
0845 0.000 0.000 Nove 0 0.000 0.000 0.000 Nove 0 0.000 0.000 Nove 0 0.000 0.000 Nove 0 0.000 0.000 Nove 0 0.000 0.000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	SOUTH		0.00	0,000			
0845 0.00 0.000 Nare 0.000 0.000 Nare 0.000 0.000 Nare 0.000 0.000 Nove 0.000 0.000 Nove 0.000 0.000 0.000 Nove 0.0000 0.0000 0.0000	EAST		0,00	0.000			MOW MORE FAR EAST
0845 0.00 6.000 Mare 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0	WEST		0,00	Q00 -Q			
1 0.000 0.000 0.000 1 0.000 1 0.000 0.000 0.000 0.000 1 0.000 1 0.000 1 0.000 1 0.000 1 0.000 1 0.000 1 0.000 1 0.000 1 0.000 1 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	NORTH	2480	0.00	0,000		None	
1 0950 0.000 1.000 1.000 1.000	SOUTH		0.00	0.000			
1 0950 0.000 More 1 0.000 0.000 More 1 0.000 0.000	EAST		0.00	0,000			Montree FAK EAST DANCE
1 0950 0.000 None	WEST		000	0.000			
0.000 0.000 0.000 0.000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	NORTH	0560	0,00	0,000		Mone	
0.000	SOUTH	•	00.00	0,000			
0.00	EAST		0.00	0.000			Mon toxes fax EAST property
	WEST		0.90	J & Ø . O			

		Real-Time	Real-Time Ambient Air Sampling Field Data Sheet	ata Sheet		
Project: Peoples- Rogers Park South Project #: 27193-4.07	cogers Park South 27193-4.07	Site Activities: $\frac{\text{E-Mox}_1}{\text{Date}}$	Site Activities: REMOVING Sort. Date: 6/20/01	Sampler: Weather:	MESTLY CLOUDY	CLOUDY - 70%
FENCE LINE LOCATION	Time	PID Make: Min Pre 7000 Model: ID:	Dust Meter (mg/m³) Make: \nearrow D (2 AM) Model: \longrightarrow Model:	Benzene (ppm)	· Odors	Remarks
NORTH	1150	Ø.0	0.000		75N	
SOUTH		0.00	0.000			
EAST		0.00	00000			Montages Fig (-AST
WEST		Q٠.٥Q	0.000			
NORTH	1350	20 30	0.000		257	
SOUTH		9	0.000			
EAST		20,3	O°O.			Mow to her from the
WEST		Ø. 9	0.000			
NORTH	1450	3	O. 09 <i>0</i>		20N	
зоитн		0,00	0.000		_	
EAST		O, 00	0.0 20			Newton In GAT
WEST		0.00	0.000			

							Corrective Action	·.	1	7	7	4	7						
Ambient Air Sampling Field Data Sheet								Activities On-Site	Ex Cayaton				-\						
Air Sampling	nop East Parcel				Meter			LEL %	٥	٥	0	0	Q						
Ambient	gers Park Sub-St		Summy		= 2000 and LEL I		Beadings	PID for	0.0	0.0	0.0	0.0	0.0						
	Project Name: Peoples Gas - Rogers Park Sub-Shop East Parcel	27194-4.07	50°F	2/12/02	MiniRAM, MiniRAE	Sampler: Grant Zoldowski	ma 5	Dust Monitor	50.0	90.0	00'0	50.0	00.0						
	Project Name:	Project Number: 27194-4.07	Weather Conditions:	Date:	Air Monitoring Equipment Used MiniRAM, MiniRAE 2000 and LEL Meter	Sampler:	Sample	Location	Ekeavation				4						٠
					Air Mo			Time	1030	(115	1230	1345	1425						

⁽¹⁾ Engineering controls required when dust levels exceed 0.15 mg/m3.
(2) Corrective Actions are as follows;
A Foamed excavated area.
B. Re-sampled and found new levels below action levels.
C. Upgraded to level C.
D. Contacted project manager.
E. Shut-down project.
F. Below background results at specified location no action taken.

							Corrective Action	Taken ²	<i>T</i>	4	J	\mathcal{F}	7	7	Ų	7					
d Data Sheet								Activities On-Site	Excavation				Sweeping parlement	C .		-					
Ambient Air Sampling Field Data Sheet	lop East Parcel				Aeter			LEL9		0	0	9	٥	٥	0	0					
Ambient	Project Name: Peoples Gas - Rogers Park Sub-Shop East Parcel		Sunny		AE 2000 and LEL Meter		Readings	PID gon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
	Peoples Gas - Rc	27194-4.07		3/13/02	MiniRAM, MiniRA	Sampler: Grant Zoldowski	mg m3	Dust Monitor	00.0	00.0	و۱. ٥	00. CJ	50.0	0.13	00.0	to. 0					
	Project Name:	Project Number: 27194-4.07	Weather Conditions: 55° ん	Date:	Air Monitoring Equipment Used MiniRAM, MiniRAE	Sampler:	Sample	Location	Execution							_	And a section with				
					Air Mo			Time	736	800	820	940	970	1230	1330	1415					NOTES:

(1) Engineering controls required when dust levels exceed 0.15 mg/m3.
(2) Corrective Actions are as follows:
A Foamed excavated area.
B. Re-sampled and found new levels below action levels.
C. Upgraded to level C.
D. Contexcel do project manager.
E. Shut-down project.
E. Shut-down project.
F. Below background results at specified location: no action taken.

							Corrective Action	Taken ²							7						
									7	7	U	J	1	17	7						
Ambient Air Sampling Field Data Sheet								Activities On-Site	Ey cavation						4						
ir Sampling F	op East Parcel		man		eter			LEL 70	ອ	0	٥	a	0	8	0						
Ambient A	ers Park Sub-Sho		Part by Summy		2000 and LEL M		Readings	PID ppm	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
	Project Name: Peoples Gas - Rogers Park Sub-Shop East Parcel	27194-4.07			ViniRAM, MiniRAE	Sampler: Grant Zoldowski	ms/m ₃	Dust Monitor	20.0	00.0	٥٠٥٦	00.0	0.10	00.0	0.00						
	Project Name: I	Project Number: 27194-4.07	Weather Conditions:	Date:	Air Monitoring Equipment Used MiniRAM, MiniRAE 2000 and LEL Meter	Sampler:	Sample	Location	Exequation						7						
					Air Mon			Time	730	840	955	(045	1150	1320	1405						NOTES:

⁽¹⁾ Engineering controls required when dust levels exceed 0.15 mg/m3.
(2) Corrective Actions are as follows;
A Foamed excavated area.
B. Re-sampled and found new levels below action levels.
C. Upgraded to level C.
D. Contracted project manager.
E. Shut-down project.
F. Below background results at specified location: no action taken.

				-			Corrective Action	Taken ²	山	И	77	W.	7	7	L.					-	,	
Ambient Air Sampling Field Data Sheet			n putty cloudy	1 1				Activities On-Site	Excavation			-			-)							
ir Sampling Fi	op East Parcel		atanopn	3	eter			LEL 970		Đ	0	0	0	0	٥							
Ambient A	ers Park Sub-Sho		mothing - naim	•	2000 and LEL M	-	Readings	PID pen	0.0	0'9	0,0	0.0	0,0	6,0	0.0			:				
	Project Name: Peoples Gas - Rogers Park Sub-Shop East Parcel	27194-4.07		Date: 3/15/62	, AiniRAM, MiniRAE	Sampler: Grant Zoldowski	ma m3	Dust Monitor	OO' 0	0.00	00.0	6.00	10.07	00.0	<i>00.0</i>							
·	Project Name: 1	Project Number: 27194-4.07	Weather Conditions:	Date:	Air Monitoring Equipment Used MiniRAM, MiniRAE 2000 and LEL Meter	Sampler:	Sample		ر ا	•					7							
					Air Mor			Time	715	240	948	lloS	1145	1315	1430	·						NOTES:

⁽¹⁾ Engineering controls required when dust levels exceed 0.15 mg/m3.
(2) Cornective Actions are as follows;
A Foamed excavated area.
B. Re-sampled and found new levels below action levels.
C. Upgraded to level C.
D. Contacted project manager.
E. Shut-down project.
F. Below background results at specified location: no action taken.

							Corrective Action	Taken ²		U	<u>u</u>	7	<u>u</u>	7	Ţ						
Ambient Air Sampling Field Data Sheet								Activities On-Site	FXCAYATION)						
Air Sampling F	op East Parcel		h		leter			LEL %	٥	٥	C	0	0	٥	۵						
Ambient /	ers Park Sub-Sh		the cloudy	_	2000 and LEL M		Readings	PIDPEM	0.0	0,0	0.0	0.0	2,0	0.0	0.0						
	Project Name: Peoples Gas - Rogers Park Sub-Shop East Parcel	27194-4.07	35°F pautl	3/18/02	JiniB ^l AM, MiniRAE	Sampler: Grant Zoldowski	سر سع	Dust Monitor	20.0	0.00	0.0d	20,0	00.0	50'0	0.00						
	Project Name: 1	Project Number: 27194-4.07	Weather Conditions:	Date:	Air Monitoring Equipment Used MiniRAM, MiniRAE 2000 and LEL Meter	Sampler: (Sample	Location	Ex contation						-(
					Air Mor			Time	ااک	920	935	100	1250	20H1	agri M	•					NOTES:

Enginearing controls required when dust levels exceed 0.15 mg/m3.
 Corrective Actions are as follows;
 A Foamed excavated area.
 B. Resampled and found new levels below action levels.
 C. Upgraded to level C.
 Contacted project manager.
 E. Shlurdown project.
 E. Below background results at specified location: no action taken.

						Corrective Action	Taken ²	<u>J</u>	لل	7	7	M	1	<u>ا</u>						
Ambient Air Sampling Field Data Sheet ark Sub-Shop East Parcel							Activities On-Site	EXCAVATION	_					4						
Ambient Air Sampling is Park Sub-Shop East Parcel		my.	_	<i>A</i> eter			LEL 🗞	. 0	0	Ó	٥	۵	0	Q						
S G		partly summy.		= 2000 and LEL N		Readings	PID ofter	0.0	0,0	0.0	0.0	0.0	0,0	0,0						
Project Name: Peoples Gas - Roger	27194-4.07		7	MiniRAM, MiniRAE	Sampler: Grant Zoldowski	mg m3	Dust Monitor	\$0.0	00.00	00.0	ba : 0	0.0	0.00	0,00						1
Project Name:_	Project Number: 27194-4.07	Weather Conditions: 45° 6	Date:	Air Monitoring Equipment Used MiniRAM, MiniRAE 2000 and LEL Meter	Sampler	Sample	Location	Excay ATION						-1						
				Air Mor			Time	730	815	410	5001	1130	1215	9/21						NOTES:

Engineering controls required when dust levels exceed 0.15 mg/m3.
 Corrective Actions are as follows:
 A Foamed excavated area.
 B. Resampled and found new levels below action levels.
 C. Upgraded to level C.
 Contracted project manager.
 E. Shurldown project.
 E. Shurldown project.
 F. Below background results at specified location: no action taken.

Rogers Park Sub-Shop, South Parcel Real Time Instrument Calibration Log

Rogers Park, South	27193-4.07
Project: Ro	Project #:

Instrument: P.10-Manufacturer: Min: Rac

Min: Rae 2000

Serial No.:

A CONTRACTOR	COLUMN TWO	

Calibration Notes and Comments			Callibration and not included	X 2 17										
Meter Reading (ppm of %)	0	\Diamond	0	O	0	0		\bigcirc	0	0		0)	0
Zero Check	1	1	7	1	1	1)		1	7	(1	7	3
STD Conc. (ppm or %)	8.76	102	NA	とするよう	300/	78.6	070/	10/10	266	0 00/	0	38	19	8)
Gas STD (Name)	Isobutylene	Isobutylene	Isobutylene	Isobutylene	Isobutylene	Isobutylene	Isobutylene	Isobutylene	Isobutylene	Isobutylene	sobutylene	Isobutylene	200000000000000000000000000000000000000	Isobutylene
Weather	8:25 71° 9. cloud,	(0°C10m)	To, Sunn	(100 ° 00)	6,m) 2 5 5	10 to 1	7% VT.	720 District	They morry	250	3	S. Pr	Box same	750 Sunny
Time	8:25	7:20	89	7,00	Lt.	404	2290	07.50	0270	07.70	000	06%C	2000	2, 20
Date	19/11/6/	3/18/04.		Tello	9		10/5/01	10/18/10	0/13/0	3			6/22/01	100%

Rogers Park Sub-Shop, South Parcel Real Time Instrument Calibration Log

Project: Rogers Park, South
Project #: 27193-4.07

Instrument: Airborne Particalytes Monitor model Scries
Manufacturer MTE

Manufacturer: MIE Serial No.: 406/



			_												
INICLIANTS SINCE 1858	Calibration Notes and Comments														
	Meter Reading (pp//gr %)	C	0	0	Ø	0	0	()		Ó	J	Ŋ	Ì	0	wo
190h	Zero Check	1	1	7	7	7	7	>	7	7	7	7	/)	
Serial No.:	STD Conc. (ppm or %)		(1					}	-	1	1		
S	Gas STD (Name)		1		1					-)	\	157	
		21 Sunny	71 " P. Cloudy	710 P. Cloudy	60°Cloud	70, Sunny	60° RAW	774 SUNA	Ecol Sunry	729 Pr. Couly	724 CLOUBY	754 MOSTY	0720 153 F MOSTER	LOST MUSTER MIST	-
	Time	7:20	9hil	8:20	7:20	620	7:05	7:10	7:00	0690		\sim	0220	0700	
	Date	10/51/5	10/21/5	10/21/5	8/18/01 7:20	Colubo,	45/o/	10/2/01	10/11/01	6/15/01	46/010720	10/6/0	10/10/01	10/14/91	

Peoples Gas – Rogers Park East Parcel Real Time Instrument Calibration Log

Project: Rogers Park East Parcel Instrument: Photoionization Detector
Project #: 27194 Manufacturer: MiniRae 2000

Manufacturer: MiniRae 2000
Serial No.:

Burns & McDonnell	
Burns & McDonnel	l
Burns & McDonn Since 1898	
Burns McDor	
Burn McDa	l
Bun Mel	l
$m \ge 1$	ı

Calibration Notes and Comments														
Meter Reading (ppm)	00]	99.5	99.8	99.3										
Zero Check	0.040	0.0	0.0	0.0										
STD Conc. (ppm)	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Gas STD (Name)	Isobutylene	Isobutylene	Hore office leads	Isobutylene										
Weather	که•د که•د		Most office	45of										
Time	9991	715		2,0										
Date	30/0/2	3/15/22		3/19/02										

Peoples Gas – Rogers Park East Parcel Real Time Instrument Calibration Log

 Project:
 Rogers Park East Parcel
 Instrument:
 LEL and multi gas meter

 Project:
 27194
 Manufacturer:
 VRAE LEL

| |

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	A.mena	
	Barry I	
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i i presidente de la compansión de la co		2
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i i i i i i i i i i i i i i i i i i i		10
II a a		
Hanni	Room.	
Line	-	THE REAL PROPERTY.

McDonnell since 1898	Calibration Notes and Comments														
	Meter Reading (%)	50	9	25											
VAR LEI	Zero Check	\$	٥	Q										,	
Serial No.:	STD Conc. (%)	20	50	20	20	20	20	20	20	20	20	20	20	20	50
	Gas STD (Name)	Pentane	Pentane	Pentane	Pentane	Pentane	Pentane	Pentane	Pentane	Pentane	Pentane	Pentane	Pentane	Pentane	Pentane
#:	Weather Conditions	50°F Swary	mon routedo	LEOK Swy	1										
Project #:	Time	0001	715	710											
	Date	3/12/02	3/15/02	3/19/02											

APPENDIX E CONSTRUCTION DAILY REPORTS

Erosion and Sediment Control Monitoring Report

ROGERS PARK SUB SHOP – SOUTH PARCEL

POND/MAIN/EAST

			-		10ESDA9
Erosion Sediment Contro	l Report	Day	20		truction
		Date:	6-19-		
Project Name	Rogers Park Sub Shop-Sou				
Location	Chicago, Illinois Por	VD/MAI	N/EAST	<u>r</u>	
Preparer's Name	D. SAFTIC				
Title					
Project Status:					
Is the project proceeding ac	ccording to schedule?				Yes No No
Discuss project status:					
Erosion Controls:					
	d sediment controls installed				Yes No
If no, list controls not in pla	ace and provide an explanati	ion why:			
Comments:					
				, ·	
BEGIN EXC		OADII	NG S	012	IN
N.E. CORNE	R				
	constitutiva for the resistance of the second secon				
	West Co.				
APP - A - THE					and the second s
	CM	·			
Signature: /)e/5			Date:	6-19-01

Erosion and Sediment Control Monitoring Report

ROGERS PARK SUB SHOP - SOUTH PARCEL FOND/MAIN/EAST WEDNESDAY

of Construction Day **Erosion Sediment Control Report** Date: 20-01 Rogers Park Sub Shop South Parcel Excavation Chicago. Illinois **Project Name** Chicago, Illinois Location J. 61855 Preparer's Name Title **Project Status:** Yes No Is the project proceeding according to schedule? Discuss project status: **Erosion Controls:** Are appropriate erosion and sediment controls installed at this time? Yes No If no, list controls not in place and provide an explanation why: Comments: CONTINUED EXCAUATION E 6-20-01 Date: Signature:

Erosion Sediment Control Report		Day	of Constr	
Erosion Seament Contro	-	Date:		ONRAY
Project Name	Peoples Gas – Rogers Par	k Sub-Shop	East Parcel Excay	vation
Location	Chicago, Illinois			
Preparer's Name			11-11-1	
Title		<u> </u>		
Project Status:				[
Is the project proceeding a	according to schedule?			Yes No
Discuss project status:	A A SA	1 =	A	
Crew and equ	exponent mobiline	& To	the fele	S.E.T. Journan
and mayself s	taked execution	· alla	3. Starte	& execution of
The South	level flene and	proce	deel to the	e worth. Soil was
stockpiled no	or the paved i	ead To	the north.	No soil was
howard of - si	te leday. Hppre	rimeto	les 50 8	exe executeón
was completed	leday!		- ¥	
	0		-	
	Markey Tolking		***************************************	A
Erosion Controls:		سلم علماء عن إم	10?	Ves V No
Are appropriate erosion ar	nd sediment controls installe	tion where	IC :	Yes No
11 no, list controls not in p	lace and provide an explana	ион wпу:		
Comments:			4. W.	The state of the s
	es ordered for To	marro	us to her	I soil I som the
1. To ruck	a vacrea go no	-accio	- 10 Men	
me.	-			
	/			
1	. / =			
Signature: 2	1/1000		Date:	3-11-02
Digitation C				

The state of the s		Day 2 of Construction
Erosion Sediment Contro	or Report	Date: 3/12/02 TUESDAY
Project Name	Peoples Gas – Rogers Par	k Sub-Shop East Parcel Excavation
Location	Chicago, Illinois	
Preparer's Name	FIRANT ZOLDOWSKI	
Title	ENVIRONMENTAL	SCIENTIST
Project Status:		
Is the project proceeding ac	ccording to schedule?	Yes No
Discuss project status:		
Ed Weise was	on-site in the n	norning. Excavation activities were
continuing. D	ump trucks sup	plied by Waste Management were on-sike
to remove in	pointed soil Ex	caraction was continuoing at the
southern and of	the ex cavation (2 fort onea). Amen, tech was on site to
mark tele phone	near lu cavation	n limit. Excavation mogneted to 3-boot
excavation area	. Mangaret Kelley	an ved on- gite to take confirmation
samples. 2- Samp	les were collected	from the souther 2-foot execuation.
(RPE-,CS-010 1)	2PE - CS - OII).	V
34 LOADS	OFF-SITE	
Erosion Controls:		
	d sediment controls installe	
If no, list controls not in pl	ace and provide an explana	tion why:
	·	
	to the second se	
Comments:		
Sweeper will	he delivered ton	". <i>UI</i>
and mini	mize dust from true	clu.
	3	
,		
1.1		
Signature: / wat /h	<u>(</u>	Date: 3/12/62
-		i i

•		

Erosion Sediment Control Report				Construction
	-		3/13/02	WEDNESDAY
Project Name	Peoples Gas – Rogers Parl	k Sub-Sho	p East Parce	ELEXCAVATION
Location	Chicago, Illinois			· · · · · · · · · · · · · · · · · · ·
Preparer's Name	GRANT ZOLDOW	SKI		
Title	ENVIRONMENTAL	SCIEN	STIST	
Project Status:	,,			
Is the project proceeding ac	ccording to schedule?			Yes No
Discuss project status:		•	, , , ,	a.1 * 1 +1 * 1 ~
	ating 3- foot sect	ion ana	2- foot	Action to the east of
the 3- tool	section 14 true	ks on-	site to	remove soil provided by
Waste Managem	ent Estimate for toper attach ment and	total pr	0 pest 30	068 tons: 2045.5 cm you.
137 loads. Sweet	per attach ment an	wed for	skid d	11 eer. Meanio pavement.
3- foot area son	rple obtained. (RPE.	- CS - D14). Stock	giled soil at northe end
near asphalt p	pavement. Da Remain	ing Ato	ick pile n	vas covered for the night.
42 LOADS OFF	-c 5 17 E			
Erosion Controls:	- 5 11E		the state of the s	
Are appropriate erosion and	sediment controls installar	d at this tir	ne?	Yes No
If no, list controls not in pla				<u>F</u>
n no, not controls not in pit	LOS and provide an explanat			
Comments:	and the state of t			
Took picture	a new parking lo	t sen	Margaret	Kelley's reguest.
7.01	0			
Δ				
110				
Signature: /w	<u>Z</u>		Dat	te: 3/13/02
				, ,

Project Name Peoples Gas – Rogers Par		Day Date:	4 3/14		Construction THURS DAY
Location	Chicago, Illinois				
Preparer's Name	GRANT ZOLDOWSKI				
Title	ENVIRON MENTAL SC	IENTIST			
Project Status:	TO THE SECOND SE				·
Is the project proceeding ac	ccording to schedule?				Yes No
Discuss project status:	, , ,	<u>.</u>		1.	2
	ex cavation (north	A 3- fe	ot, ea	a+ 8	3-jost) areas. 2 composite
Samples collected	L (RPE-CS-012, RF	E-CS-	013).	Degan	
at at western extent	Allison Millaric	n (Plo	ples tra	o) a	nd Ed Weise (BMc) on site.
	tion excavated to	Depth.			confirmation semples
rollected from b'	excavation. (RPE-	CS-016	, Kre	· - 2 -	011).

29 LOADS	OFF-SITE				
Erosion Controls:		1 -4 41.1.	a 9		Yes No
Are appropriate erosion and					Ies X INO
If no, list controls not in pla	ace and provide an explanat	ion why			
			,		
-					
	NOW TO THE RESERVE TO				11.11
Comments:					
One auto remai	ning 6' northeast	section		•	try on confirmation
to deciède 1	shon back f. U sho	uld 1	se kn	ought	t in
	~				
					e
	1				1 1
Signature:	ellh'			Da	te: 3/14/02
Signature.					

Erosion Sediment Contro	l Report	Day 5	of Construction 2 Fe BAY	
During Money	Peoples Gas – Rogers Par			Walleton Walleton Walleton Walleton
Project Name Location	Chicago, Illinois	k Sub-Shop Last i	acci Excavation	
Preparer's Name				
Title	FRANT ZOLDOWSKI	SCIENTIST		
	EN VIRON MENTAL	SCISM LIZI		A STATE OF THE STA
Project Status: Is the project proceeding ac	ecording to schedule?		Yes T	J No 🔀
Discuss project status:	column to senedule:		100	Ž1 [7.7
7	and the soil them	northeast que	adrat Robcal	continuen
Continuent re		ining dust	from trusks.	
	Y	/ \		kfill will
	inday. An enddition		will be remo	ved forom
not begin M. 2-toot ex cavat		4		and an
	not will be remove			y samplest . Ciz.
acci. Tireac		0		
16 LOADS	OFF-SITE			
Erosion Controls:	p to believe the same to the s			
Are appropriate erosion and	d sediment controls installe	d at this time?	Yes \(\rightarrow	☑ No □
If no, list controls not in pla				
	A A Marie Constitution of the Constitution of			
		2.444		
Comments:	-			A7
Sample came	back with hit	. Re-excav	cate on Monday.	No back filly
on Mond	ay.		· · ·	
	•			
Signature: /	lin'		Date: 3/15/02	

Erosion Sediment Contro	l Report	Day 6 of Construction Date: 3/18/02 MONOAY.
Project Name	Peoples Gas – Rogers Parl	k Sub-Shop East Parcel Excavation
Location	Chicago, Illinois	
Preparer's Name	GRANT ZOL DOWSK	40
Title	ENVIRONMENTAL S	SCIENTIST
Project Status:		
Is the project proceeding ac	cording to schedule?	Yes No
Discuss project status:		
Additional exca	yatim was conc	
mea and in		- Inch areas. Additional accaration
conducted du	e to analytical	hits in previous samples. Collected additional
Confinination sur	yeus (KYE - CS - 013 - 00	02 RPE-CS-016-002 RPE-CS-017-002).
Called Vilcom	material and order	red 1,500 tons of vingin CA-6 for West deliver
and 1500 time	for Thursday deliver	7
	·	
16 LOADS OF	E - SITIE	
Erosion Controls:		
Are appropriate erosion and	d sediment controls installed	d at this time? Yes No
If no, list controls not in pla		<u> </u>
	and the second s	
Comments:		~ 1 1 1 20
I) samples (come bench clean	begin backefelling Wednesday.
V		-
	X	
7.		/ /
Signature: Line Chi		Date: 3/18/02
The state of the s		

	×		

Project Name Peoples Gas - Rogers Park Sub-Shop East Parcel Excavation Chicago, Illinois Preparer's Name Title ENVIRON MENTAL SCIENTIST? Project Status: Is the project proceeding according to schedule? Discuss project status: Continued to scrape nothers? corner. Corner was originally proposed to a death of 6" but due to sample results from other 6" areas will take
Location Chicago, Illinois Preparer's Name farant Zo rowscall Title ENVIRONMENTAL SCIENTIST? Project Status: Is the project proceeding according to schedule? Discuss project status: Continued to scrape notherst corner. Corner was originally proposed to
Preparer's Name FIRANT ZO - NOW SILL Title ENVIRONMENTAL SCIENTIST? Project Status: Is the project proceeding according to schedule? Discuss project status: Continued to scrape notherst corner. Corner was originally proposed to
Title ENVIRONMENTAL SCIENTIST? Project Status: Is the project proceeding according to schedule? Discuss project status: Continued to scrape natheast corner, lance was originally proposed to
Project Status: Is the project proceeding according to schedule? Discuss project status: Continued to scrape notherst corner. Corner was originally proposed to
Is the project proceeding according to schedule? Discuss project status: Continued to scrape notherst corner, Corner was originally proposed to
Discuss project status: Continued to scrape northeast corner Corner was originally proposed to
to 1,5' Cont ince to sweep pavement to minimize dust.
Backfill will an ive to morrow at 7 am. Finished Northeast area.
Collected (RPE-CS-015) - Confirmation Somple. SET begon removing
Som form these and butter so
2nd composite samples clean will begin back felling tomorrow.
23 LOAD OFF-SITE
Erosion Controls:
Are appropriate erosion and sediment controls installed at this time? Yes No
If no, list controls not in place and provide an explanation why:
If no, not controls not in place and provide an explanation why.
Comments:
- Lany Milner on site for Site check.
- (height on them Elect in for Ed weige (new July lat).
Signature: Date: 3/9/02.
Signature: Date: 3/9/02.

March 2002

Erosion Sediment Contro	l Report	Day Date:	3	of Constr	uction EDNESDAY
Project Name	Peoples Gas – Rogers Par	k Sub-Sh	op Éa	ast Parcel Excav	/ation
Location	Chicago, Illinois				
Preparer's Name	GRANT ZOLDOWSKI	-			
Title	ENVICON MENTAL	Se 1E1	UTIS	π	
Project Status:					
Is the project proceeding ac	ccording to schedule?				Yes No
Discuss project status:	63		_	4	
Begin backfulling	500 1500 tons		·	**	ne herry delivered by
Vulcan mate			cm (Mc Cook q	7:
7		arth			1 1 1
day (orange		cara			Hoor (RPE-CS-019) and
Approx. 20' by 20		018).	Ro		sample plan.
	0	Verner	-t	Alamad to	back do
EX RONATION D	erare of opprince for	4		Medical III	3 1345-64
3 LOADS OFF-SI	TE 66 LOADS	NE ST	DNE	DELIVERE	1).
Erosion Controls:	12	<i>U</i> . O1	0.00		
	d sediment controls installed	d at this t	ime?		Yes No
	ace and provide an explanat				
n no, not controls not in pa	are provide an empire		··········		
			-		
		21		***************************************	
Comments:				1500	
- Calla Vulca	n and changed or	der fu	m	800 to 5	00+ tous for delivery
tomonau. Plan	u 500 tons on	will a	all	for Frie	lay.
				<u> </u>	
	1				-
Signature:	9ki			Date: 3	3/20/02
	\				1 -

Erosion Sediment Contro	l Report	Day Date:	3/21	of Constru	uction HVES KA	y
Project Name	Peoples Gas – Rogers Par	k Sub-Sh	op East	Parcel Excav	ation	
Location	Chicago, Illinois					
Preparer's Name	FARANT ZOUSOWSKY					
Title	ENVIRON MONTAL	Scien	JTIST.			
Project Status:						
Is the project proceeding ac	ccording to schedule?				Yes	No
Discuss project status:						
Continued back 5) Hore Senger and com pace formorrow to	filling area south & from northeast ted area. May no finishing grading	e or ner	uca	a rement. vation ele more	clean	. Buckfilled
4 LOAD OFF-S	37 32	10015	.96	STONE		
Erosion Controls:	d sediment controls installed	d at this t	ime?	BIONE	Yes	No D
				, , , , , , , , , , , , , , , , , , , ,		
Comments:						
	ones or son of	E- 5/7	TE - 1	167		
10.710	710, 0, 70,	·				
		J				
A						
The state of	A			D-4- 2	1.1.	
Signature:	(h.	·		Date: 3	21/02	·

DAILY CONSTRUCTION LOG

Peoples Gas – Rogers Park Sub-Shop East Parcel

Erosion Sediment Contro		Day of Construction Date: 3 22/02 FPIDAY	
Project Name	Peoples Gas – Rogers Par	rk Sub-Shop East Parcel Excavation	
Location	Chicago, Illinois		
Preparer's Name	GRANT ZONDOWCKI	1	
Title	ENVIRONMENTAL S	OCLEW 11 ST	
Project Status:			
Is the project proceeding ac	cording to schedule?	Yes No	
Discuss project status:	1	·	
Finishing gre	ading excapated	grading complete.	
ordered? F	Back Jelling and	grading complete.	
	1		
Buckfulled are	a south of as	phalt pavement to with in 6-inch	بعد
of evisting	grade. Top soil	I will be placed over Northeast corne	1
nachfille	i to original or	phalt pavement to with in 6-inch I will be placed over Northeast corne isting grade.	
<u> </u>	<u> </u>	. 0	
Energies Controls			-1205
Erosion Controls:	d andiment controls installe	ed at this time? Yes No	
Are appropriate erosion and If no, list controls not in pla			
If no, list controls not in pia	ace and provide an explanal	adon why.	
	11.11.11.11.11.11.11.11.11.11.11.11.11.		
Comments:			-1100
- 1) nim 10.0	hom Local	150 on- site. Finished project no	ว
as placeme	·		
120 ROWINS			
LOADS OF	F-51TE 167		
LOADS OF	STONE 100		
	<i>N</i>	/ 1	
Signature:	Ri	Date: 3 22 02	
A		/ /	

APPENDIX F REMEDIAL ACTION MANIFESTS AND SUMMARY OF DISPOSAL QUANTITIES



Table F-1 Approximate Special Waste Disposal Quantities Remedial Action - June 2001 Peoples Gas - Rogers Park East Parcel

Date	Manifest Number	Weight (Tons)	Daily Total (Tons)	Grand Total (Tons)
6/19/2001	9528183	19.030		
		15.880		
		13.970		
		17.090		
		16.030		
	9528184	15.160		
		17.220		
		20.210		
		14.750		
	9528185	20.600		
	[18.900		
		19.930	_	
	9528186	20.190		
		15.920		
		18.800		
	9528187	19.850		
		14.900		
		22.480		
	9528188	17.680		
		17.870		
	9528189	16.480		
		17.560		
		16.430		
	9528190	16.450		
		11.380		
		17.220		
	9528191	13.560		
		15.870]	
		14.370		
	9528192	18.140		
		16.030		
952		17.870		
	9528193	13.310		
		13.530		
	9528194	17.870		
		16.530		
	9528195	15.780		
		15.190		
		10.920		
	9528196	15.600		
	Ī	14.910		
	[15.290		
	9528197	16.380		
		17.110	7	

Table F-1 Approximate Special Waste Disposal Quantities Remedial Action - June 2001 Peoples Gas - Rogers Park East Parcel

Date	Manifest Number	Weight (Tons)	Daily Total (Tons)	Grand Total (Tons)
6/19/2001	9528198	17.490		
		16.920		
		18.060		
95	9528199	18.240		
		14.280		
	ľ	14.220		
	9528200	17.760	1	
		14.390		
		17.600		
	9528201	18.000		
		14.680	1	
		15.790		
	9528202	12.220	7	
		17.350	957.240	957.240
6/20/2001	9528203	14.180		
0, _ 0, _ 0 0 _		20.090	7	
	ľ	18.470	7	
		17.390	7	
	9528204	20.170	1	
		18.420	7	
		16.980		
		18.220	7	
	9528205	19.440	•	
		21.550	7	
		19.910	7	
		19.690	7	
	9528206	18.780	1	
		20.130	7	
	Ī	19.920	7	
	9528207	16.020	7	
	ſ	18.520	7	
		17.090]	
		14.920		
	9528208	18.500		
		19.930		
		17.760		
	17.520			
	9528209	17.170		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		18.050		
		17.730		
		15.090		
	9528210	19.420		
		22.120		
	Ī	23.980		
	Ī	22.370	7	

Table F-1 Approximate Special Waste Disposal Quantities Remedial Action - June 2001 Peoples Gas - Rogers Park East Parcel

Date	Manifest Number	Weight (Tons)	Daily Total (Tons)	Grand Total (Tons)
6/20/2001	9528211	14.400		
		17.090	1	
		15.240		
		13.900	7	
	9528212	17.980	1	
	•	20.430	7	
		17.790		
		16.880		
	9528213	16.780	7	
		21.730	7	
		19.660		
	İ	16.700		
	9528214	17.440	7	
		17.410		
		19.120		
		18.160		
	9528215	21.100		
		21.370		
		20.010		
	9528216	17.480		
		19.770		
		17.770		
		18.610		
	9528217	21.310		
		19.090		
		16.810		
		17.860		ļ
	9528218	18.520		
		16.480		
		16.910		
	9528219	21.600		
		19.940		
		17.660		
		16.960		
	9528220	20.410		
		19.480		
		17.050		
		19.620		
	9528221	18.210		
		18.060		}
		17.730		
	9528222	15.190		
		17.250	1362.490	2319.730
	<u> </u>		Grand Total (June 2001):	2319.730

NOTE:

⁽¹⁾ Rogers Park Pond, Main, and East Parcels were remediated concurrently, but the excavation activities on the East Parcel occurred on June 19 and 20, 2001. The total quantity is approximate and done under LPC # 0316025027.

Date	Manifest Number	Weight (Tons)	Daily Total (Tons)	Grand Total (Tons)
3/12/2002	10110797	16.670		
		14.370		
		14.090		
	10110798	17.710		
		16.480		
		14.140		
		16.590		
	10110799	15.880		
	Ī	18.700		
	[15.060	7	
	10110800	15.790	7	
		20.270	7	
	 	13.010	1	
	10110801	12.610	7	
		15.270	7	
		11.010	1	
	10110802	15.460		
		16.530	7	
	Ī	13.200	7	
	10110803	16.650	7	
		15.290	7	
		16.860	7	
	10110804	17.610	7	
		15.480		
	 	14.780	7	
	10110805	16.610	1	
		19.290	7	
		17.780	7	
	10110806	15.160	1	
	Ī	16.180	7	
		13.160	7	
	10110807	15.860		
	Ī	16.190	519.740	519.740
3/13/2002	10110808	12.630		
		18.690	7	
	10110809	12.880	7	
		16.230	1	
		17.790		
	10110810	13.850		
	Ţ	17.070		
		15.790		
	10110811	14.580		
		17.850		
		19.050		

Date	Manifest Number	Weight (Tons)	Daily Total (Tons)	Grand Total (Tons)
3/13/2002	10110812	16.230		
		18.230		
		19.230		
		17.450		
	10110813	14.030		
		16.060		
		16.750		
	10110814	12.030	_	
		16.830		
		17.180		ļ
	10110815	14.830		
		16.710		
		15.330		
		18.320		
	10110816	14.980		
		17.140		
	10110817	14.570	<u> </u>	
		18.820	_j	
		16.970	j	
	10110818	11.900		
		12.760		
		14.980		
	10110819	13.290		
		15.670		
		16.180		
	10110820	16.380		
		16.830		
		16.740		
	10110821	16.110	_	
		16.620		
		17.090	672.650	1192.390
3/14/2002	10110822	17.380		
		16.420	_	
		15.950	_	
	10110823	18.450	_	
		17.790	_	
		17.420		
	10110824	19.260		
		11.610	」	
	10110825	19.430	_	
		12.850	_	
		17.230	_	
	10110826	18.030	_	
		14.580		
		17.120		

Date	Manifest Number	Weight (Tons)	Daily Total (Tons)	Grand Total (Tons)
3/14/2002	10110827	15.120		
•, = -, = -		12.400	7	
		11.250	7	
	10110828	20.760	1	
		16.410	7	
		15.200	7	
	10110829	16.840	1	
		14.210	7	
		12.830	1	
	10110830	16.880	7	
		12.010	7	
		15.900	7	
	10110831	17.120	7	
		18.950	7	
	10110832	17.370	466.770	1659.160
3/15/2002	10110833	17.130		
3/13/2002	10110055	21.550	-	
		16.410	7	
	10110834	18.280	1	
	1011005	18.120	1	
		18.280	1	
	10110835	17.280	1	
	10110033	17.090		
		16.570		
	10110836	20.330		
	10110050	18.250		
		13.400		
	10110837	16.280		
		15.650	7	
		14.630		
	10110838	14.070	273.320	1932.480
3/18/2002	10110839	16.890		
2,10,2002		18.310	7	,
		17.030		
	10110840	17.040		
	10110010	18.840	7	
		17.610	7	
		18.450		
	10110841	16.890	_	
	101100	19.360		
		19.470	7	
		19.910	7	
	10110842	14.650	7	
	10110012	16.520	7	
		17.590	1	1
		16.950	7	
	10110843	17.250	282.760	2215.240

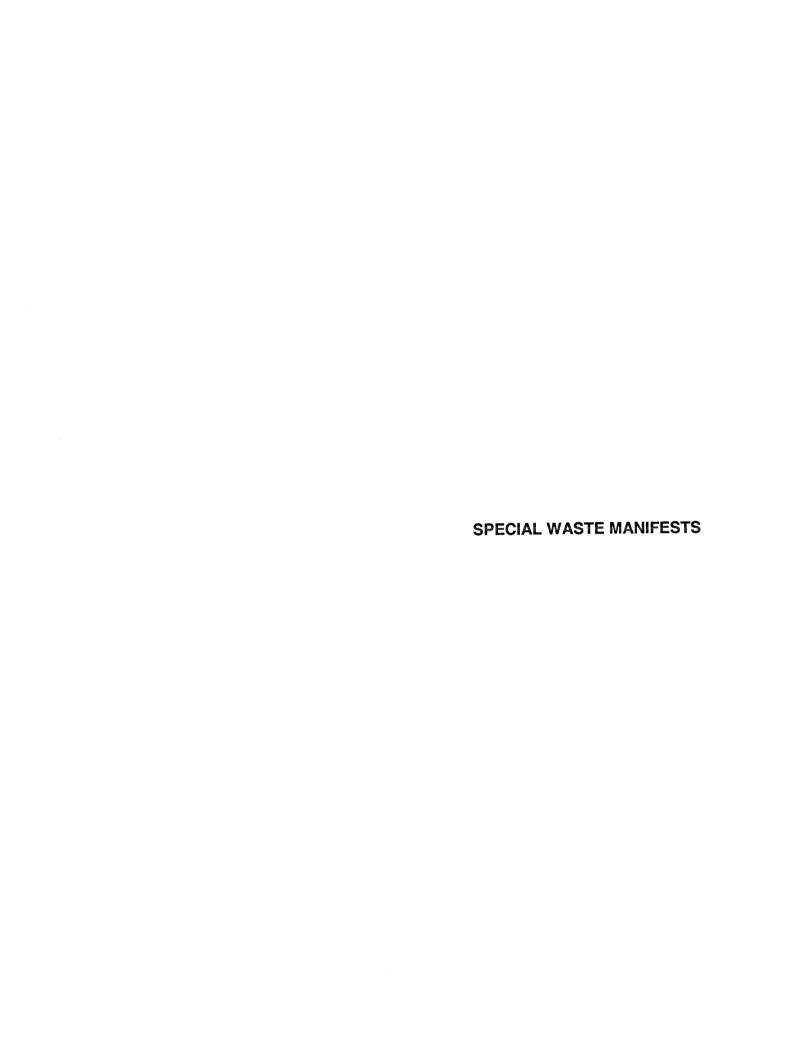


Date	Manifest Number	Weight (Tons)	Daily Total (Tons)	Grand Total (Tons
3/19/2002	10110844	22.100		
		17.060		
	10110845	17.600		
	i	19.650		
		17.650]	
	10110846	13.600		
		16.780		
	10110847	17.520		
		19.470		
		18.350		
	10110848	19.420		
		17.020		
		17.300		
	10110849	18.410		
		17.410		
		16.510	_	
	10110850	16.600		
		18.190		
	10110851	16.530		
		17.320		
		15.900	_	
	10110852	18.160		
		17.050	405.600	2620.840
3/20/2002	10110853	16.180		
	10110854	16.790		
	10110855	17.630	50.600	2671.440
3/21/2002	10110856	17.070		
	Ī	21.640		
	Ţ	16.620		
	10110857	21.900	77.230	
		Special Waste Gr	and Total (March 2002):	2748.670

NOTE:

⁽¹⁾ The total quanityy is done under LPC # 0316025089, assigned in Spring 2002.

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JUNE 2001

STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

LPC 62 8/81 IL532-0610 Form Approved, OMB No. 2050-0039 EPA Form 8700-22 (Rev. 6-89) PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) Manifest Document No. 2. Page 1 Information in the shaded areas is not required by Federal law, but is required by Illinois law. 1. Generator's US EPA ID No. **UNIFORM HAZARDOUS WASTE MANIFEST** 3pGenerater's Name and Mailing Address Rodgers Park Station 130 R Randolph St. 20th Floor 6659 N Kedzie Ave Chicago IL 60601 Attn Alison Willerick Chicago II. 60601 Atta Alison Willerick Chicago II 60645 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS 12 240-4832 ID Numberns (R07.407. 5. Transporter 1 Company Name US EPA ID Number D Number Transporters Prone Truckin Rangaroo 7. Transporter 2 Company Name US EPA ID Number 8. 9. Designated Facility Name and Site Address CTD RDF Rin Soil Facility US EPA ID Number 10. Galactino sur action and to 1 3 8 t h r d Calumet City TL 60409 en Eachivs Phone 6 64653.099 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers 13. Total No. Type Quantity G ន n i Ε æ001 D T N Ε b. R Ţ C. o R d. K. Handling Codes for Wastes Listed Above In Item #14. Additional Description for Materials Listed Above Profile RP 1146 15. Special Handling Instructions and Additional Information GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Date Month Day Year Printed/Typed Name Signature 06190 Alison Willerick 17. Transporter 1 Acknowledgement of Receipt of Materials Month Day Year Printed/Typed Name Signature 66196 18. Transporter 2 Acknowledgement of Receipt of Materials Date Month Day Year Printed/Typed Name Signature 19. Discrepancy Indication Space A 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Date Month Day Year Printed/Typed Nag

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

LPC 62 8/81 IL532-0610 State Form EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039 EASE TYPE (Form designed for use on elite (12-pitch) typewriter.) Manifest Document No 2. Page 1 Information in the shaded areas is not required by Federal law, but is required by Illinois law. 1. Generator's US EPA ID No. **UNIFORM HAZARDOUS WASTE MANIFEST** 3pGenerator's Name and Mailing Address Rodgers Park Station IL 9528184 PANGAL 130 R Randolph St 20th Floor 6659 N Kedzie Ave 4Cb24740Uh EMPAGENCY ARPSFILL ASSISTANCE NOMBER \$184540-4832 ex TranspodeVS NIVERY a JD Number US EPA ID Number 5. Transporter 1 Company Name Darfransporter's Phone (e. Kangaroo Truckin 7. Transporter 2 Company Name US EPA ID Number Antansporters PANATA 90 Designation Facility Name and Site Address 10. . . US EPA ID Number 123 8 th all ships n p P or PER HANDENING Calumet City IL 60409 12. Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 14. Unit Ġ Not DOT F N E b. R Α Ť C. O R d. K. Handling Codes for Wastes Listed Above Additional Description for Materials Listed Above sin item #14 -4 Clars Profile RP 1146 15. Special Handling Instructions and Additional Information Load 5 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford Date Signature Month Day Printed/Typed Name 06119 Alison Willerick 17. Transporter 1 Acknowledgement of Receipt of Materials Date Month Day Signature Printed/Typed Mame 06190 Date 18. Transporter 2 Acknowledgement of Receipt of Materials Month Day Year Signature Printed/Typed Name 19. Discrepancy Indication Space 20. Facility Owner or Operator: Cectification of receipt of hazardous materials covered by this manifest except as noted in item 19. Month Dav Printed/Typed Name Signature 06

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

P.O. BOX 19276

7			Form LPC 62 8/81	IL532-0610 00-22 (Rev. 6-89)	Form Ar	proved. OMB No. 2050-0039	- : .
P	LEASE TYPE (Form designed for use on elite (12	-pitch) typewriter.) 1. Generator's US E		Manifest	2. Page 1	Information in the shad	led areas is not
1	UNIFORM HAZARDOUS WASTE MANIFEST	i. Conordio 5 5 =		Document No.	of	required by Federal law by Illinois law.	
	3pGenerater's Name and Mailing Address	Rodgers Park	If Different		Av IIInoisil O	/ani/estDocumentNo E 5 O 4 C E: E	iheralis E PAIDA
	130 R Randolph St 20th Plant	6659 N Kedzi	e Ave		B. Geriera	5281851E	APPEICABLE
١,	Chicago II. 60601 Attn Alison Willerick 4. *24 HOUR EMERGENCY AND SPILL ASSI	Chicago II &	0645			Cips (non nile al title	
	5. Transporter 1 Company Name	6.	US EPA II) Number	- C «Transpo Piblinum		
	Rangaron Truck				CONTRACTOR OF THE PARTY OF THE	reis Pione (* : :)	
	7. Transporter 2 Company Name	8.	US EPA II	Number	(El giranspe	ners:	
		· · · · · · · · · · · · · · · · · · ·	- <u>1</u> 1 1		7 - TO 10 - TO	OCT - AND STATE OF STATE	
	9. Designated Facility Name and Site Address CID RDF Rin Soil Facility	10. 3 S - Capa (\$ \$ \$)	US EPA II) Number		mersPhone(); n_03hdhhhhh	
	138th ARishop			in the second of	A DINUM	icie de la companya	
	Calumet City II. 60409		二年 砂罐 "我们,这边对于这些	All of the Meridia	HA Facility	Phone/27600-0099	
1	11. US DOT Description (Including Proper Ship	pping Name, Hazard	Class, and ID N	umber) 12 Cont	ainers	13. 14.	
				No	Type	Total Unit wantity Wt/Vol	VastelNo.
G	a.	L L	v a n	2 : 1			A HAN MOTOR
E	Nostacha xxx rd o us.	atomeyanan ing kata atomeyanan ing kata		001	D. T.	UST RM	40
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E							
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0							
2	The state of the s				•		At-IW Number
	d.						
	J. Additional Description for Materials Listed Ab	ove-		de Parado		Codes for Wastes List	ed Above
	Cilia (Garage and Lease and California)		Section 1		In Item#	14	
	Profile RP 1146 - 17 2 2	5/	**************************************				
	HANG!	36					
							di sa
	15. Special Handling Instructions and Additional Inform	auon					
	Load 1 X Load 2 X Load 3	1 Tond 4	Load 5	<u> </u>			
-							<u> </u>
	 GENERATOR'S CERTIFICATION: I hereby decla proper shipping name and are classified, packed, 	re that the contents of the	nis consignment an	e fully and accurately o	lescribed above or transport by	e by highway	
	according to applicable international and national	government regulations.					starminad to he
	if I am a large quantity generator, I certify that I economically practicable and that I have selected						
	threat to human health and the environment; OR, waste management method that is available to me	, if I am a small quantity e and that I can afford.	generator, i nave	made a good faith eil	on to minimize	my waste generation and	Date
	Printed/Typed Name		Signature /	1/1	Ma	<i>A</i>	th Day Year
	Alison Willerick			NOON!	uller	4 06	1901
	17. Transporter 1 Acknowledgement of Receipt	of Materials	Ciar stur-			Mon	Date th Day Year
Ĩ	Printed/Typed Name		Signature	11. 11. 1		0 6	
	18. Transporter 2 Acknowledgement of Receipt	of Materials	<u> </u>	· number			Date
	Printed/Typed Name	J. Matorialo	Signature			Mon	h Day Year
		<u> </u>					
1	19. Discrepancy Indication Space	-					
=				4			
- 1	20. Facility Owner or Operator: Certification of re	posint of hazardous ~	naterials covered	I hy this manifest ev	cept as note	d in item 19.	Date
;	20. Facility Owner or Operator: Certification of re	eceipi of nazardous in	Signature	1 by this manifest ex		/ Monti	h Day Year
	Ly Ly	11- 1/2	/	10/1		100	1001

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

	ELD, ILLINOIS 62794-9276 (217) 782-6 ate Form LPC 62 8/81 IL532-0610		FOR SHIPMENT OF HAZAF AND SPECIAL WASTE	ADOÚS
LEASE TYPE (Form designed for use of effice (12-pitch) (ypewriter.) UNIFORM HAZARDOUS Generator's US	EPA Form 8700-22 (Rev. 6-89) SEPA ID No. Manifes Document	t 2 Page 1	oved OMB No. 2050-0039 Information in the shaded are required by Federal law, but is	as is no s require
WASTE MANIFEST 3p Generator's Name and Mailing Address Rodgers Pa 130 R Randolph St. 20th Floor 6659 W Red	ion It Different LFK Station	A Illinois Ma	by Illinois law. Injiest Documents Number 281866 FEEPA	ID.
4 Chieffout emelocities the transfill assistance nombel	ुर्वरीला	Ba Generalo ID Numbr		
5. Transporter 1 Company Name Kangaron Trucking	US EPA ID Number	a SID Numbe	eks Phones (* 22) des Phones (* 22)	9 3 5 3 3 3 3 3
7. Transporter 2 Company Name 8.	US EPA ID Number	A Transport	ensalation and the	
9েDesignated RacilityNeeme tand Site Address 10.	US EPA ID Number		Perilanan	
Calumet City Th 60409		G Facility's I ID Numbe IA Facility's I		
11. US DOT Description (Including Proper Shipping Name, Haza	ard Class, and ID Number) 12. (I.T.	3. 14. botal Unit Waste Wt/Vol Waste	No.
a. Not hagardous by DO	T N G P s n i l	11.1	5	ipmber
b.			EPRH	iumber.
C.			EPAHWA	Jumber
d			EFA: WAN	Jumber
J. Additional Description for Materials Listed Above Profile RP 146		K Handling C In Item #14	odes for Wastes Listed Ab	ove
15. Special Handling Instructions and Additional Information Load 1	Load 5		1985 5 A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
		WARDS		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents o proper shipping name and are classified, packed, marked, and labeled, according to applicable international and national government regulation If I am a large quantity generator, I certify that I have a program in p economically practicable and that I have selected the practicable method threat to human health and the environment; OR, if I am a small quantity.	, and are in all respects in proper conditions place to reduce the volume and toxicity and of treatment, storage, or disposal cur	on for transport by flig of waste generated rently available to me	nway to the degree I have determin which minimizes the present a	uiu iutui
waste management method that is available to me and that I can afford Printed/Typed Name	Signature /	1/1/1	Date Month Da)
Alison Millerick	Muson	1 Miller	W 0619	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Post1111	Signature 4.	Ver	Date Month Day O 6 1 9	y Year
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	, 7n	Date Month Da	<u>' </u>
9. Discrepancy Indication Space				
	and the second s	Art of the second secon		
10. Facility Owner or Operator: Certification of receipt of hazardous		st except as noted i		v Vos
Printed/Typed Name	Signature	14/	Month Pag O G L 7	10 1

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

.70 (217) 702-0701

EASE TYPE (Form designed for use on elite (1	State Form LPC 62 8 2-pitch) typewriter.) EPA Form	81 IL532-0610 8 700-22 (Rev. 6-89)	Form Approved.	OMB No. 2050-0039
UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2 Page 1 Info	ormation in the shaded areas is uired by Federal law, but is requi Illinois law.
3pGenerater's Name and Mailing Address	Location If Different			
130 R Randolph St. 20th Ploor	6659 N Kedzie Ave		JL 95 <u>2</u> 1	<u>OULONE AFFELIOME</u>
Chicago IL 60601 Attn Alixon Willerick 4. *24 HOUR EMERGENCY AND SPILL ASS	Chicago II 60645) Generalor s IL dD:Number y	Anvienza de la companya de la compa
5. Transporter 1 Company Name		ID Number	Transporters	
Rangaroo Trilok	Ing) Transporters	hove (12 Sp. 12 Sp. 13 Sp.
7. Transporter 2 Company Name	8. US EPA	ID Number	Transporters:	
			TO Number	
Designated Facility Name and Site Address	10 US EPA	ID Number	i jansjorers Jaconivs i L	
138 that Aishap	The second of th		ID Number	
Calumet City TL 60409			. Facilitys Pron	MA RAGERIA
1. US DOT Description (Including Proper Sh	ipping Name, Hazard Class, and ID	Vumber) 12. Contain	ers 13. Total	14. Unit
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			. 1	
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er en				
Additional Description for Materials Listed Ab	oove	K	Handling Codes	for Wastes Listed Above
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rofile RR 1946 - // L				
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Special Handling Instructions and Additional Inform	notion			
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oad 1_15 Load 2 15 Load 3	Inad 4 hoad),		
				
GENERATOR'S CERTIFICATION: I hereby declar proper shipping name and are classified, packed,	are that the contents of this consignment a	re fully and accurately desc	ribed above by	
according to applicable international and national	government regulations.			
If I am a large quantity generator, I certify that I economically practicable and that I have selected	the practicable method of treatment, stora	ge, or disposal currently av	ailable to me which	minimizes the present and futi
threat to human health and the environment; OR, waste management method that is available to me	, if I am a small quantity generator, I have a and that I can afford.	made a good faith effort to	minimize my wast	e generation and select the b
Printed/Typed Name	Signature	11.	11. 1	Month Day Yea
Alison Millerick		Moore	llud	06190
Transporter 1 Acknowledgement of Receipt	of Materials			Date
Printed/Typed Name 11ECZYSLAW PAWLO	WSKI Signature	conston.	Za dourelo	Month Day Yea 1 6 6 1 9 6
		Valoria 1	UNIONSIC	
Transporter 2 Acknowledgement of Receipt Printed/Typed Name	of Materials Signature			Date Month Day Yea
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Discrepancy Indication Space				
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HAND THE CONTRACT OF THE CONTR				
				
Facility Owner or Operator: Certification of re	eceipt of hazardous materials covere	d by this matrifest excep	t as noted in item	19. Date Month Day Yea
	. // isionaure .	" "	11.1	within Day Yea

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL STATE OF ILLINOIS FOR SHIPMENT OF HAZARDOUS SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 PO BOX 19276 AND SPECIAL WASTE State Form LPC 62 8/81 Form Approved. OMB No. 2050-0039 EPA Form 8700-22 (Rev. 6-89) (Form designed for use on elite (12-pitch) typewriter.) PLEASE TYPE Information in the shaded areas is not required by Federal law, but is required by Illinois law. Manifest Document No. 1. Generator's US EPA ID No. UNIFORM HAZARDOUS **WASTE MANIFEST** Location It Different 3 Generator's Name and Mailing Address 6659 N Redzie Ave 130 R Randolph St 20th Floor 4 Chieffe Uh EMPHOETEC + LAND'STILL PASSISTANCE NORMER \$1945 10-4832 Transporters 61/450// DaNumberase US EPA ID Number 5. Transporter 1 Company Name - Partie Manager 188 Ter use kad nig gander these Rangaroo ofransporterist HD:Number US EPA ID Number 7. Transporter 2 Company Name 10. US EPA ID Number 90 Designated Facility Name and Site Address atem 8 state and a galacies of one of the Reverse Calumet City IL 60409 12. Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) No. Type G DOT KGP soi Ė ± 001 R T C. Ö R d. K. Handling Codes for Wastes Listed Above In Item #14 U-Additional Description for Materials Listed Above 다 다 a s is a k Drofile RP 1148 15. Special Handling Instructions and Additional Information linad 1 linad 2 & Load 4 Load 5 linad 3 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Date

Month Day Year Signature Printed/Typed Name 06190 Alison Willerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials Year Month Day Signature Printed/Typed Name 06190 Date 18. Transporter 2 Acknowledgement of Receipt of Materials Month Day Signature Printed/Typed Name 19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Date Month Day Year

Printed/Typed Name

TY

*Signature

061 90

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL STATE OF ILLINOIS FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 LPC 62 8/81 IL532-0610 State Form EPA Form 8700-22 (Rev. 6-89) LEASE TYPE Form Approved. OMB No. 2050-0039 (Form designed for use on elite (12-pitch) typewriter.) Manifest Document No. 2. Page 1 1. Generator's US EPA ID No. Information in the shaded areas is not required by Federal law, but is required by Illinois law. **UNIFORM HAZARDOUS WASTE MANIFEST** 3 Generator's Name and Mailing Address Rodgers Farr Station 528189 EAR 130 R Randolph St 20th Ploor 6659 N Redzie Ave Chicago II 60601 Attn Alison Willerick Chicago II 60645 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS 12 240-4832 Chicago IL 60601 Attn Alison Willerick Danumberna fanzanza 5. Transporter 1 Company Name US EPA ID Number Kangaroo Trucki 7. Transporter 2 Company Name US EPA ID Number 9. Designated Facility Name and Site Address CTD kDF hin Soil Facility US EPA ID Number 10. all admiritu 3 8 thank which hopes Roomed a Prusy Calumet City II. 60409 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers Total Quantity r deous seby BD-0-7 n P d. Additional Description for Materials Listed Above K. Handling Codes for Wastes Listed Abox 15. Special Handling Instructions and Additional Information Inad 1 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Date Printed/Typed Name Month Day Signature

06190 Alison Willerick

בווופושפווכץ הפsponse at 217 / לאבינאסט and the National Hesponse Center at 800 / 424-8802 or 202 / 426-26

Month Day

Year

17. Transporter 1 Acknowledgement of Receipt of Materials Date Printed/Typed Name Signature Month Day Year 06190 18. Transporter 2 Acknowledgement of Receipt of Materials Date

∕Signature

19. Discrepancy Indication Space

Printed/Typed Name

T Ó

> 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19 Date Month Day Printed/Typeg Signature

> This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation. Falsification of this information may result in a fine up to \$50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

P.O. BOX 19276

State Form LPC 62 8/81 IL532-0610

-	PL	EASE TYPE (Form designed for use on elite (12-pitch) typewriter.)		n 8700-22 (Rev.			proved. OMB	lo. 2050-0039	
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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610 ASE TYPE EPA Form 8700-22 (Rev. 6-89) (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039 Information in the shaded areas is not required by Federal law, but is required by Illinois law. Manifest Document No. 2. Page 1 1. Generator's US EPA ID No. UNIFORM HAZARDOUS WASTE MANIFEST 3pGenerater's Name and Mailing Address Rodgers Park Station 130 R Randolph St. 20th Floor 6659 N Kedzie Ave Chicago II. 60601 Attn Alison Willerick Chicago II. 60645 4: 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS 4: 240-4832 Chicago II 60601 Attn Alison Willerick (IPANOIDEE (KERADAKA 24) US EPA ID Number 5. Transporter 1 Company Name Truckin Kangaroo US EPA ID Number 7. Transporter 2 Company Name 9. Designated Facility Name and Site Address CID RDF Rio Soil Pacility US EPA ID Number 10. aoiliysan dei Aunonio as o 13 Astah A. Riahop Pord Pry Calumet City IL 60409 ELECTION PROPER BUTTON 13. Total 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 14. Unit Type Quantity G Not hagardows by DOT NGP goi Ε Ε R 4 Denfile RP 1146 15. Special Handling Instructions and Additional Information Load 3 Load 4 Inad 2 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Date Month Day Year Printed/Typed Name Signature 06190 Alison Willerick 17. Transporter 1 Acknowledgement of Receipt of Materials Date Month Day Year Printed/Typed Name Signature: 06190 18. Transpecter 2 Acknowledgement of Receipt of Materials Date Month Day Printed/Typed Name Signature Discrepancy Indication Space Date 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Month Day Year Printed/Typed Name This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be securified to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation. Falsification of this information may result in a fine up to \$50,000 per day of violation and

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610

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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610

LEASE TYPE (Form designed for use on elite (1)		700-22 (Rev. 6-89)	Form Approved. OME	3 No. 2050-0039
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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 State Form LPC 62 8/81 IL532-0610

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112.1		3pGenerater's Name and Mailing Address Rodgers Park Station 130 R Randolph St 20th Ploor 6659 N Redzie Ave	
		Chicago II, 60601 Attn Alison Willerick Chicago II 60645	EUL/ADLE
		4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS 12. 240-4832 5. Transporter 1 Company Name 6. US EPA ID Number 10. Number 10. Number	
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	16	16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway	
		according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to the degree I have I have degree I have I have degree I have I hav	nined to be
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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

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P.O. BOX 19276

State Form LPC 62 8/81 IL532-0610

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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610

PLEASE TYPE Form Approved. OMB No. 2050-0039 (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Information in the shaded areas is not required by Federal law, but is required by illinois law. Manifes 2. Page 1 **UNIFORM HAZARDOUS** 1. Generator's US EPA ID No. Document No. **WASTE MANIFEST** 3 Generator's Name and Mailing Address Rodgers Park Station 6659 N Kedzie Ave 130 R Randolph St 20th Ploor 4. Paga and a superior of the state of the superior of the sup Etanspore (VIII) And All III (III) And Andrea 5. Transporter 1 Company Name US EPA ID Number Trancking on Kangaroo Transporters Phone i 7. Transporter 2 Company Name US EPA ID Number 8. 90 Designated Facility Name and Site Address 10. US EPA ID Number 1 3 8 at ch Calumet City IL 60409 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers Quantity G E D T N b. E £ 744 R Ţ 0 R and Additional Information Load 3 \ Load 4 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Date Printed/Typed Name Signature Alison Millerick 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature IVAN ZHUKOV 18, Transporter 2 Acknowledgement of Receipt of Materials Month Day Year Printed/Typed Name Signature 19. Discrepancy Indication Space Ą Date 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Month Day Year Printed/Typed Name Signature

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

UNIFORM HAZARDOUS WASTE MANIFEST PARTITION OF THE PART OF THE PA	7	LEASE TYPE (Form designed for use on elite (1	State Form LPC 62 8/81 12-pitch) typewriter.) EPA Form 8700	IL532-0610 -22 (Rev. 6-89)	Form Approved. O	MB No. 2050-0039
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SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL STATE OF ILLINOIS P.O. BOX 19276 State Form LPC 62 8/81 IL532-0610

F	PL.	EASE TYPE (Form des	signed for use on elite (12	pitch) typewriter.)	EPA Form 8700-22 (Re	v. 6-89)	Form Approved, OMB	No. 2050-0039
4		UNIFORM HAZ	ARDOUS	1. Generator's US EF	PA ID No.	Manifest ocument No	2 Page 1 Informat required by Illinoi	ion in the shaded areas is not by Federal law, but is required s law.
		3pGenerator's Name and X		Rodgers Fark		À	Illinois Manifestio ILI 9.5.2.8.2	
		130 R Randolph St 20th Chicago TE 60601 Attn	Aligan Willerick	6659 N Redzie Chicago Il 60	1645	· B.	rGenerator SIL ID Number (1917)	
		4. *24 HOUR EMERGENC	Y AND SPILL ASSI	STANCE NUMBERS ⁴ 6.	2 240-4832 US EPA ID Numbe	er Ĉ	Transporters to a	
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	-	9. Designated Facility Name CID RDF Rin Soil Facil	and Site Address	10.	US EPA ID Numbe	er de	Transpoters Phon Facilitys III (1946) (1)	
		1 3 8 st.ah s.A. s.A. s. Calumet City Th 60409		Pord P			ID Number (24). Garilly's Phone (
	-	11. US DOT Description (Ir	ncludina Proper Shi	pping Name, Hazard (Class, and ID Number)	12. Container	rs 13.	14.
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	1	5 Special Handling Instructions	TABLE DESIGNATION	CONTRACTOR SERVICE				
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	1	6. GENERATOR'S CERTIFICA proper shipping name and a	ATION: I hereby decla	re that the contents of this	s consignment are fully and	accurately describ	ped above by	-
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₩.		Alison Willerick			allso	n Yul	Mich	06 (901
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	19	9. Discrepancy Indication S	pace					
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1	20	O. Facility Owner or Operator Printed/Typed Name	or: Certification of re		aterials covered by this r Signature	nanifest except	as noted in item 19	. Date
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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE State Form LPC 62 8/81 IL532-0610

7	TAOT TVDE	State Form LPC 62 8/81 EPA Form 8700	IL532-0610 1-22 (Rev. 6-89)	Form Approved. OMB	No. 2050-0039		
F	WASTE MANIFEST	US EPA ID No.	Manifest Document No.	2. Page 1 Informati required by Illinois	on in the shaded areas is not by Federal law, but is required s law.		
1	3 Generator's Name and Mailing Address Local Loc	cation If Different Park Station		V Illinois Manifest Do			
	130 R Randolph St. 20th Floor 6659 N Kedzie Ave						
	4. CHE SANDUH EMPHAGENCY LAND SHILL ASSISTANCE NOME	3Eh\$1645 1022		all Danumbers and a			
	5. Transporter 1 Company Name 6. US EPA ID Number [JD Number JD Number Deligner						
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	7. Transporter 2 Company Name	B US EPA ID	Number	Transporters: 4. ID Number			
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	Calumet City II. 60409			D Number 3 183	HALE (1919 - 1916 - 1917)		
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	11. US DOT Description (Including Proper Shipping Name, Ha	azard Class, and ID Nur		Total	14. Unit Wt/Vol Waste No 1		
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	J. Additional Description for Materials Listed Above	a de la companya de La companya de la co	K	Handling Codes for in Item #14	Wastes Listed Above		
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F	19. Discrepancy Indication Space		in the state of th				
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	20. Facility Owner or Operator: Certification of receipt of hazard		by this manifest exce	pt as noted in item 19	Date Month Day Year		
4	Printed/Typed-Name N.A.C. H	Signature	fu -1	44	176/70		
1	is Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Ch	apter 111 1/2, Section 1004 a	and 1021, that this informa	tion be submitted to the Ag	ency Failure to provide this		
in	is Agency is authorized to require, pursuant to littles Hevised Statue, 1995, Oil of matter may result in a civil penalty against the owner or operator not to exceed \$2.	o,uuu per uay or violation. Fals	ification of this information i	may result in a line up to \$50	,,000 per day or violation de-		

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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

2 OF SHIPMENT OF HAZARDOUS

1420	State I	Form LPC 62 8/81 IL532-	0610	50000	PECIAL WASTE
FASE TYPE (Form designed for use on elite	(12-pitch) typewriter.)	EPA Form 8700-22 (R	ev. 6-89)	Form Approved. OME	3 No. 2050-0039
UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US El	PA ID No.	Manifest Document No.		tion in the shaded areas is d by Federal law, but is requi is law.
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Rangaroo Truc	king		Carrie Carrie	Transporter's Pho	ne (seek) seeks s
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Additional Description for Materials Listed	Above			andling Codes for Item #14	Wastes Listed Above
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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 FOR SHIPMENT OF HAZARDOUS SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 AND SPECIAL WASTE State Form LPC 62 8/81 IL532-0610 EASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039 1. Generator's US EPA ID No. 2. Page 1 **UNIFORM HAZARDOUS** Information in the shaded areas is not required by Federal law, but is required by Illinois law. **WASTE MANIFEST** 3 Generator's Name and Mailing Address Roders Park Station 9528204 TEERAID 130 R Randolph St. 20th Ploor 6659 N Kedzie Ave achierrouh emphatency and still riststance norme Eh. 17.10-4837 ransporters FU2502/ 5. Transporter 1 Company Name US EPA ID Number ID Number Rangaroso Prouseking 340231 Transporters Phone 7. Transporter 2 Company Name US EPA ID Number 8. ID Number 🤛 i i ransponers Propert 9 Chesionarid Facility Name and Site Address US EPA ID Number 10. 1338 th A Ris Rord Rw Calumet City IL 60409 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers Total Type Quantity PATHW:Num £ 001 D T N E R 0 R d. L Additional Description for Materials Listed Handling Codes for Wastes Listed Above ∃n Item #14 15. Special Handling Instructions and Additional Inform linad 1 X 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Date Date Printed/Typed Name Signature Month Day Year Alison Willerick 06200 17. Transporter 1 Acknowledgement of Receipt of Materials Date Printed/Typed Name Signature Month Day Year 06200 18. Transporter 2 Acknowledgement of Receipt of Materials Date Printed/Typed Name Signature Month Day Year 19. Discrepancy Indication Space 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Date Printed/Typed Name Signature Month Day Year

		STATE OF ILLINOIS ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL	
	7	P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 FOR SHIPMI AND SPECIA	ENT OF HAZARDOUS
Ξ	5	State Form LPC 62 8/81 IL532-0610	
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		16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway	
	П	according to applicable international and national government regulations.	
		If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimize threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generator.	have determined to s the present and fut
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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

AFIELD, ILLINOIS 62794-9276 (217) 782-6761 FOR SHIPMENT OF HAZARDOUS State Form LPC 62 8/81 IL532-0610

iĝĝ.	LEASE TYPE (Form designed for use on elite (12-p	itch) typewriter.) EPA Form	8700-22 (Rev. 6-89)	orm Approved, OMB No. 2050-0039
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	Printed/Typed Name	Signature	M1. 70 11	Date Month Day Year
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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610

PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-2			proved. OMB No. 2050-0039
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16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are full proper shipping name and are classified, packed, marked, and labeled, and are in all respects in	broper condition	described above to for transport by his	oy ghway
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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276 FOR SHIPMENT OF HAZARDOUS SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 AND SPECIAL WASTE State Form LPC 62 8/81 IL532-0610 LEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039 1. Generator's US EPA ID No. Manifest **UNIFORM HAZARDOUS** Information in the shaded areas is not required by Federal law, but is required by Illinois law. Document No. **WASTE MANIFEST** 3 Generator's Name and Mailing Address Rodgers Park Station 130 R Randolph St 20th Floor 6659 N Kedzie Ave 4.0 24 40 UA EMEAGENCY WIND SPILL ASSISTANCE NORBERS 1945 Transporte**P&UFIVENT** 5. Transporter 1 Company Name US EPA ID Number Trucking Transporters Phone 7. Transporter 2 Company Name US EPA ID Number 8 ID Number Transporters Phone (9เการทำเลา 10. US EPA ID Number 1 3 8 t h ď _ . P w Calumet City IL 60409 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers 13. Total 14. Unit Waste No Type Ġ EPA'HW.Num n E s o i 1 50 £401..... N DT E h. EPAHWI R C. 0 ื่ ผเ ∠ เ / / / ช่ะ- / ช่อบ and the National Hesponse Center at 800 / 424-8802 or 202 / 426-2675 EPA'HW Nu dditional Description for Materials Listed Above K. Handling Codes for Waste In Item #14 rofile RP 1146 15. Special Handling Instructions and Load 2 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Date Printed/Typed Name Signature Alison Willerick 17. Transporter 1 Acknowledgement of Receipt of Materials Date Printed/Typed Name Signature 18. Transporter 2 Acknowledgement of Receipt of Materials Date Printed/Typed Name Signature Month Day Year 19. Discrepancy Indication Space 20. Facility Owner of Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Date Printed/Typed/Name Signature Month Day Year

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610 (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved, OMB No. 2050-0039 PLEASE TYPE Information in the shaded areas is not required by Federal law, but is required by Illinois law. Manifest Document No. 2. Page 1 1. Generator's US EPA ID No. **UNIFORM HAZARDOUS WASTE MANIFEST** 3pGenerator's Name and Mailing Address Illinois Manuest Document Numbe Rodgers Part Station 11 9 5 2 8 2 0 9 1 Fapril Gabi 130 R Randolph St 20th Ploor 6659 N Redzie Ave Chicago II 60601 Attn Alison Willerick Chicago II 60645 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS 12. 240-4832 ID Numberon anzanza Transporters ID Number 2 5. Transporter 1 Company Name US EPA ID Number Kangaroo Pruckin 7. Transporter 2 Company Name US EPA ID Number JID:Number 2 Transporters Phone (Ca 9. Designated Facility Name and Site Address CID RDF Rin Soil Pacility 10. US EPA ID Number acinys i<mark>e 03160000.E0.</mark> ID Number (1945.) quality sabiana and Phone Edition Party H. Facility's Phone 2. 141, 3099 Calumet City II. 60409 1,3-11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers 14. Unit Wt/Vol Total Type Quantity G Ē b. Ε R T 0 Ŕ Additional Description for Materials Listed Above In Item #14 Call a face en fii le 188 | 1146 15. Special Handling Instructions and Additional Information area Load Load Load 5 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Date Date Day Year Printed/Typed Name Signature 0 Alison Willerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials TRANSPORTER Month Day Signature Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Materials Date Signature Month Day Year Printed/Typed Name Discrepancy Indication Space 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item, 19. Date TY Month Day Year Printed/Typed Name Signature

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS

AND SPECIAL WASTE State Form LPC 62 8/81 IL532-0610 (Form designed for use on elite (12-pitch) typewriter.) PLEASE TYPE EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039 1. Generator's US EPA ID No. Manifest **UNIFORM HAZARDOUS** 2. Page 1 Information in the shaded areas is not required by Federal law, but is required by Illinois law. WASTE MANIFEST 3 Generator's Name and Mailing Address 130 R Randolph St 20th Ploor A659 N Kedzie Ave 4 Chiefrouth Employers Vand Still assistance normal heapf 1840-4832 5. Transporter 1 Company Name Kangaren e 7. Transporter 2 Company Name US EPA ID Number 9 Designated Facility Name and Site Address 10. US EPA ID Number 03 6000000 G. Facility SII. FID:Number 773 F4 6=3099 Mark thank Aries hop of our deriver 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers Quantity G E N F R 0 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Date Printed/Typed Name Signature Alison Willerick 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Materials Date Printed/Typed Name Signature Year Month Day 19. Discrepancy Indication Space 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest Printed/Typed Name Month Day Year

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

PLEASE TYPE (rom designed for use on ellic (12-pitch) Vipewriter.) UNIFORM HAZARDOUS 1. Generator's US EPA ID No. Manifest WASTE MANIFEST 3. Generator's Name and Mailing Address Rondgers Part Lation 13.0 R Bandolph St. 20th Plan 6.659 N Redxie Ave 4. Light Manifest Description 4. Linco Manifest Description 13.0 R Bandolph St. 20th Plan 6. Stransporter 1 Company Name K a n g a r o o T r u c r i n g 7. Transporter 2 Company Name 8. US EPA ID Number 9. Caluaet City II. 60409 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers 13. Lation No. Type Quantity MVVol d. d. d. d. d. d. d. d. d. d	he shaded areas is no leral law, but is require
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7. Transporter 2 Company Name 8. US EPA ID Number 9. Company Name 1. 2 State No. 10. US EPA ID Number 1. 3 State No. 10. US EPA ID Number 1. 3 State No. 10. US EPA ID Number 1. 4 State No. 10. US EPA ID Number 1. 5 Facility Phone 1. 10. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers No. Type 13. 14. Unit William Description 14. Company Name 15. Company Name 16. Company Name 17. Facility Phone 18. US EPA ID Number 19. Company Name 19.	<u> </u>
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16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway	<u> </u>
according to applicable international and national government regulations.	ava datarminad to b
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I he economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generatio waste management method that is available to me and that I can afford.	the present and futu
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18. Transporter 2 Acknowledgement of Receipt of Materials	Date Date
Printed/Typed Name Signature	Month Day Year
9. Discrepancy Indication Space	
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0. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.	
	Date
s Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Fa	Date Month Day Yea

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

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State Form LPC 62 8/81 IL532-0610

∵F	LEASE TYPE (Form designed for use on elite (12-pitch) typewriter.)	EPA Form 8700-2	2 (Rev. 6-89)	Form Approved. OMB	No. 2050-0039
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TRANSPORTER	Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature			Date Month Day Year
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Y	Printed/Typed Name	Signature	15		Month Day Year

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form | LPC 62 8/81 | II 532-0610 LEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved, OMB No. 2050-0039 Manifest Document No **UNIFORM HAZARDOUS** 1. Generator's US EPA ID No. Information in the shaded areas is not required by Federal law, but is required by Illinois law. **WASTE MANIFEST** 3pGenerator's Name and Mailing Address Roders Park Station 130 R Randolph St 20th Floor . Service 6659 N. Redzie Ave 4^{Ch}24748UA EMEAGENCY AND SHILL ASSISTANCE NOMBERS 18. 1540-4832 5. Transporter 1 Company Name US EPA ID Number Ran grave a opertier myceksi mag s 7. Transporter 2 Company Name US EPA ID Number 9 நேதுமுகந்த நெரிர்ர் இந்த Address US EPA ID Number 11 1 1 1 to have Rord Calumet City TL 60409 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers 13. Total Quantity a. G E E Ó R d. S. Additional Description for Materials Listed Above K. Handling Codes for Wastes Listed Abov In Item #14 Class 15. Special Handling Instructions and Additional Information Load 2 N **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Printed/Typed Name Alison Willerick 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Year Dav TOMAS2 FILIPOWICZ 18. Transporter 2 Acknowledgement of Receipt of Materials Date Printed/Typed Name Signature Month Day 19. Discrepancy Indication Space 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Date Printed/Typed Name Month Day Signature Year

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610 EPA Form 8700-22 (Rev. 6-89) (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039 PLEASE TYPE 1. Generator's US EPA ID No. Manifest Document No 2. Page 1 Information in the shaded areas is not required by Federal law, but is required by Illinois law. UNIFORM HAZARDOUS WASTE MANIFEST 3pGenerator's Name and Mailing Address Rodgers Park Station 130 R Randolph St 20th Ploor 6659 N Redzie Ave Chicago TL 60601 Attn Alison Willerick Chicago T1 60645 4 *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS 12 240-4832 US EPA ID Number 5. Transporter 1 Company Name 6. Truckin Kangaroo hareponers Phone. US EPA ID Number 7. Transporter 2 Company Name B. US EPA ID Number 9. Designated Facility Name and Site Address
CID RDF Rio Soil Facility 10. G Facility spiritaininnin De Number 2 at 2 a 1.1. A stable Anna Rank hoop of Program Ranky He Facility's Brone in 17.0-1019 Calumet City II. 60409 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 13." Total 12. Containers 14. Unit Wt/Vo Туре Quantity Wort whar a r d o w s DOT NGP SO IN F N R O d. Profila RP 41146 15. Special Mandling Instructions and Additional Information Load 2 🔀 Load 3 N Load 1 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Date onth Day Printed/Typed Name Signature Alison Willerick 17. Transporter 1 Acknowledgement of Receipt of Materials TRANSPORTER Signature Printed/Typed Name. KUSTN KOSTISLAV 18. Transporter 2 Acknowledgement of Receipt of Materials Month Day Signature Printed/Typed Name 19. Discrepancy Indication Space 20. Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in item 19 Date Month Day Printed/Typed Name

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610 PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039 **UNIFORM HAZARDOUS** 1. Generator's US EPA ID No. Manifest Document No **WASTE MANIFEST** 3pGenerator's Name and Mailing Address Rodgers Park Station 130 R Randolph St 20th Ploor 6659 N Kedzie Ave 4Ch24918Uh EMPHOENCY LINE SFILL PASSISTANCE NOOBEH \$1810-1832 5. Transporter 1 Company Name US EPA ID Number Rangaroo Trucking 7. Transporter 2 Company Name US EPA ID Number 9chesionaled Facility Name and Site Address Transporters Phone (US EPA ID Number 1 3 8 t h Calumet City TL 60409 ##3_646<u>=3</u>099 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 13. Total Quantity à. G D O T Ε E b. R T 0 R dditional Description for Materials Listed Abov Color sin Profile PP 1146 Load 1 (X Load 2¥ load 3 X Inad 5 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Date Printed/Typed Name Signature Month Day Year Alison Willerick 17. Transporter 1 Acknowledgement of Receipt of Materials Date Printed/Typed Name Signature Month Day 18. Transporter 2 Acknowledgement of Receipt of Materials Date Printed/Typed Name Signature Month Day Year 19. Discrepancy Indication Space F 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this magifest except as noted in item 19. Date Printed/Typed Name Month Day Year

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 # 532-0610

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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610

PLEASE TYPE (Form designed for use on elite (EPA Form 8700-22 (Rev		Form Approved. OMB No	. 2050-0039
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16. GENERATOR'S CERTIFICATION: I hereby dec proper shipping name and are classified, packed according to applicable international and nations	t marked, and labeled, and	s consignment are fully and d are in all respects in prope	accurately describe r condition for trans	ed above by port by highway	
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20. Facility Owner or Operator: Certification of	receipt of hazardous ma	aterials covered by this n	nanifest except a	s noted in item 19.	Date
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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

SPRINGFIELD, ILLINOIS 62794-9276 (2:17) 782-6761 FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE LPC 62 8/81 IL532-0610 State Form (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039 1. Generator's US EPA ID No. **UNIFORM HAZARDOUS** Manifes 2. Page 1 Information in the shaded areas is not required by Federal law, but is required by Illinois law. Document No WASTE MANIFEST 3 Generater's Name and Mailing Address Roders Park Station 130 R Randolph St 20th Ploor 6659 N Kedzie Ave Chicago II 60601 Attn Alixon Willerick 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS 12 Dikkimberga (#024021 5. Transporter 1 Company Name 6. US EPA ID Number ID Number Rangaroostruc 7. Transporter 2 Company Name 8. US EPA ID Number 9 Designated Facility Name and Site Address 10. US EPA ID Number From red Calumet City TL 60409 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers Quantity Wt/Vo DOT: T E b. R **1000** T C. 0 K: Handling Codes for Wastes In Item #14 15. Special Handling Instructions and Additional Information National Hesponse Center at 800 / 424-8802 or 202 / Load 4 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Date Date Printed/Typed Name Signature Day Alison Willerick 17. Transporter 1 Acknowledgement of Receipt of Materials Date Printed/Typed Name Signature Day 18. Transporter 2 Acknowledgement of Receipt of Materials Date Printed/Typed Name **M**..... Month Day Year 2480 00 19. Discrepancy Indication Space 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Date Printed/Typed Name Month Day

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STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

OX 19270 OF THINGS ILLERYOUS SELECTION SELECTI

State Form LPC 62 8/81 IL532-0610

PLEASE TYPE (Form designed for use on elite (12-pitch	typewriter.) EPA Form 8700-22 (R	ev. 6-89)	Form Approved, OMB No.	2050-0039
UNIFORM HAZARDOUS WASTE MANIFEST	Senerator's LIS EPA ID No.	Manifest Document No	2. Page 1 Information i required by by Illinois law	in the shaded areas is Federal law, but is requi r.
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STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD. ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

		ite Form LPC 62 8/81 IL532-		AND	SPECIAL WASTE
PLEASE TYPE (Form designed for use on elite		EPA Form 8700-22 (R		Form Approved. O	MB No. 2050-0039
UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US	EPA ID No.	Manifest Document No.	2, Page 1 Infor requipy III	mation in the shaded areas is red by Federal law, but is reinois law.
3pGenerator's Name and Mailing Address	Rodgers Pa	on If Different			Document Number
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This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency Failure to provide this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation. Falsification of this information may result in a fine up to \$50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.



STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610

EPA Form 8700-22 (Rev. 6-89) PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) Form Approved, OMB No. 2050-0039 Manifest Document No. 1. Generator's US EPA ID No. **UNIFORM HAZARDOUS** Information in the shaded areas is not required by Federal law, but is required WASTE MANIFEST 3, Generator's Name and Mailing Address Rodgers Fark Station 130 R Randolph St. 20th Ploor 6659 N Redzie Ave -4 Chieffout Employed and still assistance nomber \$164540-4832 Transporte A 1602-1177 5. Transporter 1 Company Name US EPA ID Number Kangaroo Trusc kalang Transporters Phone (s 7. Transporter 2 Company Name US EPA ID Number Juransporter ID Number 91: Designated Facility Name and Site Address US EPA ID Number 10. Transporters Prone in al Antehrander Arisch noper Pord Pwy Calumet City TL 60409 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers 14. Unit Type E N E b. Ŕ 0 K⊮Handling Codes for Wastes Listed ⊈ in Item #14 Additional Description for Materials Listed Abo 15. Special Handling Instructions and Additional Information linad 3 Load 4 Load 5 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Date Printed/Typed Name Signature 400 Alixon Willerick 17. Transporter 1 Acknowledgement of Receipt of Materials RANSPORTER Date Printed/Typed Name Month Day 18. Transporter 2 Acknowledgement of Receipt of Materials Date Printed/Typed Name Signature Month Day Year 19. Discrepancy Indication Space 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Date Printed/Typed Name Day Year Signature 20

MARCH 2002

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P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81

IL532-0610

Form Approved, OMB No. 2050-0039 EPA Form 8700-22 (Rev. 6-89) PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) Information in the shaded areas is not required by Federal law, but is required by Illinois law. Manifest 1. Generator's US EPA ID No **UNIFORM HAZARDOUS** Document No WASTE MANIFEST A. Illinois Manifest Document Number IL 10110798 FEE PAID 1 10798 IF APPLICABLE 31 Copperator as Named and Modeling Address Rogerscation Its Pifferent 6659 N Kedzie Ave 130 E Randolph Drive 20th Floor Generator's IL Chicago IL 60601 ATTN A Millerick Chicago IL 60645 ID Number 10 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* Transporter's 3 8 US EPA ID Number 5. Transporter 1 Company Name ID Number D. Transporter's Phone 227-9988 Kangaroo Trucking Transporter's Я US EPA ID Number 7. Transporter 2 Company Name ID Number F. Transporter's Phone (10. US EPA ID Number 9(PesparatedoFagility Pagrici and Site Address G. Facility's IL 138th & Bishop Ford Fwy ID Number Calumet City IL 60409 H. Facility's Phone (12. Containers 14 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Unit Total Waste No. No. Type Quantity EPA HW Number G Not bazardous by DOT MGP contaminated soil E 0.0.1 1 1 EPA HW Number R A T EPA HW Number Ó R EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BP 1146 15. Special Handling Instructions and Additional Information 15 Load 3/5 Load 115 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford Date Day Month Printed/Typed Name Signature 031202 Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials TRANSPORTER Day Month Year Printed/Typed Name Signature Date 18. Transporter 2 Acknowledgement of Receipt of Materials Day Month Year Signature Printed/Typed Name 19. Discrepancy Indication Space ACI Date 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Month Day Year Printed/Typed Name Signature 03 / 203 1/2, Section 1004 and 1021, that this information of submitted to the Agency. Failure to provide \$25,000 per day of violation. Falsification of this information may result in a fine up to \$50,000 This Agency is authorized to require, pursuant to Illinois Revised Statuter 1989, Chapter 111 1/2, Section this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center

State Form I PC 62 8/81

II 532-0610

Form Approved, OMB No. 2050-0039 LEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Information in the shaded areas is not required by Federal law, but is required by Manifest Document No UNIFORM HAZARDOUS 1. Generator's US EPA ID No. **WASTE MANIFEST** Illinois law A. Illinois Manifest Document Number 3 Generator's Name and Mailing Address Peoples Gas Light & Coke Co Rogers Park Station FEE PAID 130 E Randolph Drive 20th Floor 6659 N Kedzie Ave B. Generator's IL Chicago IL 60601 ATTN A Millerick Chicago IL 60645. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* ID Number Transporter's ID Number 5: Transporter 1 Company Name US EPA ID Number D. Transporter's Photo 227-9988 Kangaroo Trucking US EPA ID Number E. Transporter's 7. Transporter 2 Company Name 8 **ID Number** F. Transporter's Phone (Designated Facility Name and Site Address US EPA ID Number 10 G Facility's IL 0 3 1 0 3 0 138th & Bishop Ford Pwy H. Facility's Phone 7/73 646-3099 Calumet City IL 60409 LI US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers Unit Total Waste No. Wt/Vol Quantity No. Type EPA HW Number Not hazardous by DOT MGP contaminated soil F 1 1 0.0.1 EPA HW Number EPA HW Number Comparison of the comparison o EPA HW Number K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information Load 1 15 Load 2/5 16 **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. gianiai Date ₁ ∓ ⊫ Printed/Typed Name Month Day Year Signature Alison Millerick 031202 17. Transporter 1 Acknowledgement of Receipt of Materials Date Printed/Typed Name Month Dav Year Signature 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Month Day Year Signature 19 Discrepancy Indication Space). Facility Owner or Operator, Certification of receipt of hazardous materials covered by this manifest except as noted in item 19 Date Month Day Printed/Typed Name 013(131012

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State Form LPC 62 8/81

IL532-0610

Form Approved. OMB No. 2050-0039 EPA Form 8700-22 (Rev. 6-89) LEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) Information in the shaded areas is not required by Federal law, but is required by Manifest 1. Generator's US EPA ID No UNIFORM HAZARDOUS Document No Illinois law WASTE MANIFEST A Illinois Manifest Document Number 3 P Generator's Name and Mailing Address Rogers Park Is Pifferent 0110800 FEE PAID IF APPLICABLE 6659 N Kedzie Ave 130 K Randolph Drive 20th Floor В Generator's IL Chicago IL 60601 ATTN A Millerick Chicago IL 60645 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* ID Number In Transporter's ID Number C. 3 8 5 US EPA ID Number 5. Transporter 1 Company Name Transporter's Profile 227-9988 D. Kangaroo Trucking Transporter's ID Number 8 US EPA ID Number 7. Transporter 2 Company Name F. Transporter's Phone (9 Designated Facility Name and Site Address 10. US EPA ID Number G Facility's IL 0 3 1 n 3 138th & Bishop Ford Fwy Calumet City IL 60409 H. Facility's Phone (12. Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No. Type Wt/Vol No. Quantity EPA HW Number Ε Not hazardous by DOT MGP contaminated soil P 1 1 0 0 1 D. T EPA HW Number R Ţ EPA HW Number 0 R EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BP 1146 15 Special Handling Instructions and Additional Information Load 1 15 Load 4 Load 2 Load 3 16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations: If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Date Month Day Printed/Typed Name Alison Millerick 031202 Date 17. Transporter 1 Acknowledgement of Receipt of Materials TRANSPORTER Day Kear Month Signature . Printed/Typed Name 031202 Date 18. Transporter 2 Acknowledgement of Receipt of Materials Month Day Year Signature Printed/Typed Name 19 Discrepancy Indication Space ACI Date 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Month Day Year Signature Printed/Typed Name 201 4 and 1021, that this information be submitted to the of violation. Falsification of this information may result This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

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P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610 EASE TYPE EPA Form 8700-22 (Rev. 6-89) (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039 Manifest Document No 1. Generator's US EPA ID No. Information in the shaded areas is not required by Federal law, but is required by Illinois law. **UNIFORM HAZARDOUS** 2. Page 1 WASTE MANIFEST B. Generator's Name and Mailing Address Peoples Gas Light & Coke Co Location If Different Rogers Park Station A. Illinois Manifest Document Number 0801 FEE PAID IF APPLICABLE 130 E Randolph Drive 20th Floor 6659 N Kedzie Ave B. Generator's IL ID Number In Chicago IL 60601 ATTN A Millerick L-24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS Transporter's 5. Transporter 1 Company Name US EPA ID Number ID Number Kangaroo Trucking D. Transporter's Photole 227-9988 7. Transporter 2 Company Name 8. US EPA ID Number Transporter's ID Number F. Transporter's Phone (9 Designated Facility Name and Site Address CID RDF B10 S011 Facility 10. US EPA ID Number G. Facility's IL 0 0 0 0 138th & Bishop Ford Fwy ID Number Calumet City IL 60409 H. Facility's Phone 7,73 646-3099 12. Containers 11 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No. Νo. Type Quantity Wt/Vol G EPA HW Number a. E Not hazardous by DOT MGP contaminated soil Ν 0.0.1P E **EPA HW Number** b R A Ţ EPA HW Number 0 C R V0001-70111117 d. EPA HW Number K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above 2 Class A Profile BF 1146 ure manorial mesponse center 15. Special Handling Instructions and Additional Information Load 1 15 Load 3 Load 4 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. ar auu/ Printed/Typed Name Day Signature Alison Millerick 17. Transporter 1 Acknowledgement of Receipt of Materials Date Day Printed/Typed Name Signature Month 18. Transporter 2 Acknowledgement of Receipt of Materials Date Month Day 익 Printed/Typed Name Signature 202/426-2675 19. Discrepancy Indication Space F 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Date Printed/Typed Name Month Day Signature tricia 031202 This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center. 1004 and 1021, that this interior of this information may result in a fine up to \$50,000

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Printed/Typed Name

STATE OF ILLINOIS FOR SHIPMENT OF HAZARDOUS SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 P.O. BOX 19276 AND SPECIAL WASTE State Form LPC 62 8/81 II 532-0610 Form Approved. OMB No. 2050-0039 EPA Form 8700-22 (Rev. 6-89) PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) Information in the shaded areas is not required by Federal law, but is required by Manifest 1. Generator's US EPA ID No. **UNIFORM HAZARDOUS** Document No Illinois law **WASTE MANIFEST** A. Illinois Manifest Document Number 3p Generator's Name and Mailing Address Rogers Park Is Pifferent FEE PAID 2 FEE PAID IF APPLICABLE 6659 N Kedzie Ave 130 E Randolph Drive 20th Floor Generator's IL Chicago IL 60601 ATTN A Millerick Chicago IL 60645 ID Number 10 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* Transporter's 3 8 US EPA ID Number 5. Transporter 1 Company Name ID Number D. Transporter's Phone 227-9988 Kangaroo Trucking Transporter's 8. US EPA ID Number 7. Transporter 2 Company Name ID Number F. Transporter's Phone (10. US EPA ID Number 9 Designated Facility Name and Site Address 3 0 G. Facility's IL 0 138th & Bishop Ford Fwy ID Number Calumet City IL 60409 H. Facility's Phone 12. Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No. Туре Wt/Vol Quantity No. EPA HW Number E Not hazardous by DOT MGP contaminated soil 1 1 T RP 0 0 1 D T N Ē **EPA HW Number** b. R A T EPA HW Number 0 C Ŕ EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information Load 3 15 Load 4____ Load 1_15 Load 2 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Date Month Dav Year Printed/Typed Name Signature hiller 031202 Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials Month Day Year Signature Printed/Typed Name ANSPORTER 18. Transporter 2 Acknowledgement of Receipt of Materials Day Month Year Signature Printed/Typed Name 19. Discrepancy Indication Space

This Agency is authorized to require pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency Failure to provide this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation. Falsification of this information may result in a fine up to \$50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

Signature

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19

Date

Year

Month Day

State Form LPC 62 8/81

IL532-0610

LEASE TYPE Form Approved. OMB No. 2050-0039 (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Information in the shaded areas is not required by Federal law, but is required by Illinois law. 1 Generator's US EPA ID No Manifest 2. Page 1 UNIFORM HAZARDOUS Document No. **WASTE MANIFEST** Rogers Park Station A. Illinois Manifest Document Number 3 Generator's Name and Mailing Address Peoples Gas Light & Coke Co 10110803 FEE PAID 130 E Randolph Drive 20th Floor 6659 N Kedzie Ave Generator's IL Chicago IL 60601 ATTN A Millerick L.*24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* ID Number Transporter's US EPA ID Number 5. Transporter 1 Company Name ID Number Transporter's Pt630e 227-9988 Kangaroo Trucking Transporter's ID Number US EPA ID Number 7. Transporter 2 Company Name Я F. Transporter's Phone (9 Designated Facility Name and Site Address 10. US EPA ID Number G Facility's IL 0 3 1 0 138th & Bishop Ford Fwy ID Number Calumet City IL 60409 H. Facility's Phone (13 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers Total Unit Waste No Туре No. Quantity Wt/Va G EPA HW Number in the second Not hazardous by DOT MGP contaminated soil 0.0.1 P EPA HW Number EPA HW Number EPA HW Number K. Handling Codes for Wastes Listed Above In Item #14 U. Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information Load 2 /5 Load 3 /5 Load 1 15 Load 4 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Date Month Day Printed/Typed Name Signature Alison Millerick 1202 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day Year 120 18. Transporter 2 Acknowledgement of Receipt of Materials Date Day Year Printed/Typed Name Month Signature 19. Discrepancy Indication Space ACI 20. Facility Owner or Operator: Certification of receipt of hazarians materials covered by this manifest except as noted in item 19. Date Year Month Day Printed/Typed Name Signature 031203 This Agency is authorized to require, pursuant to illinois Revised Statute, 1985, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation. Falsification of this information may result in a fine up to \$50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center

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State Form LPC 62 8/81

IL532-0610

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	7. Transporter 2 Company Name	L				ID No	umber sporter's Phon	o (
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	138th & Bishop Ford Fwy Calumet City IL 60409	i				ID No H. Facili	umber ity's Phone ⁷⁷	64,6-	3099
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	15. Special Handling Instructions and Additional Load 1 15 Load 2 15 Load 3		15						
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S P O	18. Transporter 2 Acknowledgement of Receipt of	of Materials			\mathcal{I}				Date
TRANSPORTER	Printed/Typed Name		Signature						Month Day Year
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Ĭ	20. Facility Owner or Operator, Contification of re	recipt of heart-doug	natorials covered by	this manif	est excen	as noted	l in item 19.	I	Date
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	This Agency is authorized to require, pursuant to Illinois Re this information may result in a civil penalty against the or per day of violation and imprisonment up to 5 years. This form has b	wher or operator hot to	exceed \$25,000 per un	ou4 and 102 ay of violatio	cı, ınat tnis on Falsificati	on of this	information may	result in	a fine up to \$50,000

FOR SHIPMENT OF HAZARDOUS SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 P.O. BOX 19276 AND SPECIAL WASTE State Form LPC 62 8/81 Form Approved, OMB No. 2050-0039 EPA Form 8700-22 (Rev. 6-89) (Form designed for use on elite (12-pitch) typewriter.) EASE TYPE Information in the shaded areas is not required by Federal law, but is required by Illinois law. Manifest 1. Generator's US EPA ID No. 2 Page 1 **UNIFORM HAZARDOUS** Document No WASTE MANIFEST A Illinois Manifest Document Number 3 Generator's Name and Mailing Address Peoples Gas Light & Coke Co Location If Different Rogers Park Station FEE PAID 0805 FEE PAID 130 E Randolph Drive 20th Floor 6659 N Kedzie Ave Generator's IL ID Number Chicago II. 60601 ATTN A Willerick - *24 Hour Emergency and Spill Assistance numbers* Transporter's 8 5 US EPA ID Number ID Number 5. Transporter 1 Company Name D. Transporter's Pt631e 227-9988 Kangaroo Trucking Transporter's US EPA ID Number 8. 7. Transporter 2 Company Name ID Number F. Transporter's Phone (US EPA ID Number 9 Designated Facility Name and Site Address CII kII 10 \$011 Facility 10. 0 3 9 0 0 G. Facility's IL 0 3 1 ID Number | 138th & Bishop Ford Pwy H. Facility's Phone 7,73 646-3099 Calumet City IL 60409 12. Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Waste No Type Quantity Wt/Vo No. EPA HW Number G Not hazardous by DOT MGP contaminated soil 1 1 r P 0.0.1 EPA HW Number FPA HW Number FPA HW Number A THE RESIDENCE OF THE PARTY OF 推出的被选择。 K, Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information Load 3 /5 Load 2 Load 4 Load 1 16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Month Day Year Printed/Typed Name Signature 031202 Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials TRANSPORTER Month Day Year Signature Printed/Typed Name **ひ**B / -203 Date 18. Transporter 2 Acknowledgement of Receipt of Materials Month Day Year Signature Printed/Typed Name 19. Discrepancy Indication Space ACI

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Signature Printed/Typed Name

03/202

Date

Month Day Year

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FOR SHIPMENT OF HAZARDOUS

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

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IL532-0610

EPA Form 8700-22 (Rev. 6-89) Form Approved, OMB No. 2050-0039 (Form designed for use on elite (12-pitch) typewriter.) PLEASE TYPE Manifest Document No Information in the shaded areas is not required by Federal law, but is required by 1. Generator's US EPA ID No **UNIFORM HAZARDOUS** WASTE MANIFEST Illinois Manifest Document Number

IL 10110808 IF APPLICABLE 3 pGenerator's Name and Mailing Address Rogers Park Station 6659 N Kedzie Ave 130 E Randolph Drive 20th Floor Generator's IL Chicago IL 60645 ID Number in Chicago IL 60601 ATTN A Millerick *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* Transporter's 4 3 8 5 5. Transporter 1 Company Name US EPA ID Number ID Number D. Transporter's Profile 227-9488 Kangaroo Trucking Transporter's US EPA ID Number 8. 7 Transporter 2 Company Name **ID** Number F. Transporter's Phone (US EPA ID Number 9 (Pesignated Facility Warrel and Site Address 10. 0 3 0 G Facility's IL 138th & Bishop Ford Fwy ID Number Calumet City IL 60409 H. Facility's Phone 12. Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No. Wt/Vol Type No. Quantity EPA HW Number G a. Ε Not hazardous by DOT MGP contaminated soil BF 1 1 N 0 0 1 EPA HW Number Ε b. R Δ Т EPA HW Number 0 C. R EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BP 1146 15. Special Handling Instructions and Additional Information Load 1/5 Load 4 Load 3 Load 2 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Month Day Printed/Typed Name Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials TRANSPORTER Day Month Signatur Printed/Typed Name 0 プリウィ 18. Transporter 2 Acknowledgement of Receipt of Materials Day Year Month Signature Printed/Typed Name 19 Discrepancy Indication Space FAC 20. Facility Owner or Operator: Cartification of receipt of hazardous materials covered by this manifest except as noted in item 19. Date Year Month Day Printed/Typed Name 03/302 that this information be submitted to the Agency Failure to provide Failsification of this information may result in a fine up to \$50,000 This Agency is authorized to require, pursuant to Illinois Revised Statute 1989, Chapter 111 1/2, Se this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Cent and 1021.

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State Form LPC 62 8/81 IL532-0610

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE Form Approved. OMB No. 2050-0039

PLI	EASE TYPE (Form designed for use on elite	e (12-pitch) typewriter.)	EPA Form 8	<u>`</u>		F	orm Approved. ON	B No. 205	0-0039
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	Chicago IL 60601 ATTN A Millerick 4. *24 HOUR EMERGENCY AND SPILL ASS	Chicago IL	60645				Number 10 12	11 16	<u>6 </u>
	Transporter 1 Company Name	6	US EPA ID	Number		G. Tra	ເກsporter's ັ Number		4 3 8 5
	Kangaroo Trucking 3					D. Tra	insporter's Ph	He 227-	9988
	7. Transporter 2 Company Name	8. 	US EPA ID) Number		E. Tra	nsporter's Number		
	9 Designated Facility Name and Site Address		US EPA ID	Number		F. Tra	insporter's Pho	ne ()
	9 Designated Facility Name and Site Address U.J. R.J. 1010 S011 Facility					G. Fa	cility's IL () 3	1 0	3 9 0 0 0 1
	138th & Bishop Ford Fwy Calumet City IL 60409					ID	Number 7	13 646-	3000
	Galumet City 15 00409						cility's Phone 7		
	11. US DOT Description (Including Proper Sh	ipping Name, Hazard Cla	ass, and ID Numbe	er)	12. Conta		13: Total	14. Unit	I Waste No
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WASTE MANIFEST	1. Generator's US E	EPA ID No.	Manifest Document No	2. Page of	required Illinois la	
3 pGoppestors Nemen and Making Address 130 E Randolph Drive 20th Floor Chicago IL 60601 ATTN A Millerick	Roge l Sc Piar 6659 N Ked Chicago IL	zie Ave		B. Gene	<u> 10110</u>	cument Number 1810 FEE PAID IF APPLIC
4. *24 HOUR EMERGENCY AND SPILL ASSI 5. Transporter 1 Company Name	STANCE NUMBERS*	US EPA ID N	umber	C. Trans	porter's imber	4 3
Kangaroo Trucking 26 7. Transporter 2 Company Name	8.	US EPA ID N	umber	D. Trans E. Trans ID No	porter's Phon porter's	F 471-2300
9 cPpsignated Facility Name and Site Address 138th & Bishop Ford Fwy Calumet City IL 60409	10.	US EPA ID N	umber	F. Trans G. Facili ID Nu	porter's Phon ty's IL 0 3	e () 0 3 9 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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b.					1 1 1 1	EPA HW Nu
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d.				•		EPA HW Nui
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State Form LPC 62 8/81

IL532-0610

Form Approved, OMB No. 2050-0039 EPA Form 8700-22 (Rev. 6-89) LEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) Information in the shaded areas is not required by Federal law, but is required by Illinois law. Manifest 2. Page 1 1 Generator's US EPA ID No. **UNIFORM HAZARDOUS** Document No **WASTE MANIFEST** A. Illinois Manifest Document Number 3 People ator's Name and Mailing Address FEE PAID Rogers Pirk Spifferent 2 FEE PAID IF APPLICABLE 6659 N Kedzie Ave 130 B Randolph Drive 20th Floor Generator's IL Chicago IL 60601 ATTN A Millerick ID Number 10 Chicago IL 60645 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* Transporter's US EPA ID Number 5. Transporter 1 Company Name **ID Number** D. Transporter's Profile 227-9988 Kangaroo Trucking 52 US EPA ID Number Transporter's 7. Transporter 2 Company Name 8 **ID** Number F. Transporter's Phone (9 Designated Facility Name and Site Address US EPA ID Number 10. G. Facility's IL 138th & Bishop Ford Fwy ID Number Calumet City IL 60409 H. Facility's Phone 12. Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No No. Type Quantity Wt/Vol EPA HW Number G Ε Not hazardous by DOT MGP contaminated soil BP 1 1 N 0 0 1 DT E EPA HW Number b R Α т EPA HW Number o С R EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BP 1146 15. Special Handling Instructions and Additional Information Load 1 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Date Date Month Day Signature Printed/Typed Name 031 Alison Millerick 17. Transporter 1 Acknowledgement of Receipt of Materials Signature Month Day Year Printed/Typed Name ANSPORTER Date 18. Transporter 2 Acknowledgement of Receipt of Materials Day Month Year Signature Printed/Typed Name 19. Discrepancy Indication Space ACI 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19 Date Month Day Year Signature Printed/Typed Name 03/302 This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation Falsification of this information may per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center be submitted to the Agency Failure to provide information may result in a fine up to \$50,000

State Form LPC 62 8/81

IL532-0610

EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039 LEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) Manifest Document No. 2 Page 1 Information in the shaded areas is not required by Federal law, but is required by **UNIFORM HAZARDOUS** 1. Generator's US EPA ID No. **WASTE MANIFEST** A. Illinois Manifest Document Number 3 Generator's Name and Mailing Address Peoples Gas Light & Coke Co Rogers Park Station FEE PAID IF APPLICABLE 130 E Randolph Drive 20th Floor 6659 N Kedzie Ave B. Generator's IL Chicago IL 60601 ATTN A Millerick *24 HOUR EMERGENCY AND SPILL AS SISTANCE NUMBERS* 60645 ID Number | Transporter's US EPA ID Number 6. 5. Transporter 1 Company Name ID Number Transporter's Ptoble 227-9988 Kangaroo Trucking 8. US EPA ID Number E. Transporter's 7. Transporter 2 Company Name **ID** Number F. Transporter's Phone (9 Designated Facility Name and Site Address US EPA ID Number 10. G. Facility's IL 0 3 1 0 3 9 0 0 138th & Bishop Ford Fwy 646-3099 Calumet City IL 60409 H. Facility's Phone (13 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12 Containers 13 Unit Total Waste No. Wt/Vo No. Type Quantity EPA HW Number G a. Ε Not hazardous by DOT MGP contaminated soil N 7 1 1 0 - 0 -1 E EPA HW Number b. R Α Т EPA HW Number 0 R EPA HW Number K. Handling Codes for Wastes Listed Above J. Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information Load 4 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Month Day Printed/Typed Name Signature 031 02 Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials TRANSPORTER Day Month Year Printed/Typed Name Signature 0313 0 Date 18. Transporter 2 Acknowledgement of Receipt of Materials Day Month Year Signature Printed/Typed Name 19 Discrepancy Indication Space A C I 20. Facility Owner or Operator: Centification of receipt of hazardous materials covered by this manifest except as noted in item 19. Date Month Day Year Printed/Typed Name Signature 0313 This Agency Is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency Fa this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation. Falsification of this information may result in a fine per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center. Failure

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LPC 62 8/81 State Form

IL532-0610

EPA Form 8700-22 (Rev. 6-89) Form Approved, OMB No. 2050-0039 PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) Manifest Document No Information in the shaded areas is not required by Federal law, but is required by Illinois law. 1. Generator's US EPA ID No **UNIFORM HAZARDOUS** WASTE MANIFEST A. Illinois Manifest Document Number 3 people ator's Name and Mailing Address Rogers Park Is Different 10110814 FEE PAID 6659 N Kedzie Ave 130 E Randolph Drive 20th Floor Generator's II Chicago IL 60601 ATTN A Millerick Chicago IL 60645 ID Number 10 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* Transporter's 4 3 8 5 US EPA ID Number 5. Transporter 1 Company Name ID Number D. Transporter's Phone 227-9988 Kangaroo Trucking 7. Transporter 2 Company Name 8 US EPA ID Number Transporter's ID Number F. Transporter's Phone (9 Designated Facility Name and Site Address 10. US EPA ID Number G Facility's IL 0 0 138th & Bishop Ford Fwy **ID Number** Calumet City IL 60409 H. Facility's Phone 12 Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No. Type No. Quantity Wt/Voi EPA HW Number G Ε Not hazardous by DOT MGP contaminated soil N 0 0 1 F 1 1 Ε FPA HW Number b. R Α Т EPA HW Number C. 0 R EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above <u>2</u> Class A Profile RF 1146 ā ו אמווטומו ו ופסטטווסכ 15. Special Handling Instructions and Additional Information Load 1/5 Load 2/5 Load 3/5 Load 4 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Month Dav Year Printed/Typed Name Signature 313 Alison Millerick 02 17. Transporter 1 Acknowledgement of Receipt of Materials Day Year Printed/Typed Name Month Signature 03 Fernanda 18. Transporter 2 Acknowledgement of Receipt of Materials Date Day ⊆ Year Month Signature Printed/Typed Name 19. Discrepancy Indication Space C107-07# A Date 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19 Dav Month Printed/Typed Name This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation Falsification of this information may result per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center

State Form LPC 62 8/81 IL532-0610

FPA Form 8700-22 (Rev. 6-89)

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

쁘	EASE TYPE (Form designed for use on elite (12		EPA Form 8700-2	Manifest	7	offi Approved. Owi		
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1	3. Generator's Name and Mailing Address Peoples Gas Light & Loke Lo	Location Rogers Par			A. IIIi 	nois Manifest Do	ocument) 8 1	Number 5 FEE PAID 5 IF APPLICABLE
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	7. Transporter 2 Company Name	8.	US EPA ID Nun	ber		ansporter's Number		
	9 Designated Facility Name and Site Address	10.	US EPA ID Nun	nber	F Tr	ansporter's Phor	ne ()
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	Calumet City IL 60409	1			H. Fa	acility's Phone 7(7	3 646-	3099
	11. US DOT Description (Including Proper Shippi	ng Name, Hazard C	lass, and ID Number)	12. Cont		13.	14	
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1	J. Additional Description for Materials Listed Abo	e Couloud qui Maria de Cara		5 (3) (3) (5)	K Hs	andling Codes fo	r Waste	s Listed Above
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	15. Special Handling Instructions and Additional	nformation						
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	16. GENERATOR'S CERTIFICATION: I hereby decl proper shipping name and are classified, packed	, marked, and labeled	d, and are in all respects in	proper condition	n for tra	nsport by highway	1	
	according to applicable international and national if I am a large quantity generator, I certify that I	have a program in n	lace to reduce the volume	and toxicity of	vaste g	enerated to the d	egree I h	nave determined to
	be economically practicable and that I have sele	cted the practicable numbers: OR. if I am a	nethod of treatment, storac small quantity generator. I					
	select the best waste management method that	s available to me and	that I can afford.	_				Date
	Printed/Typed Name		Signature	240. V	<i>()()</i>	110		Month Day Year
Y	Alison Millerick		<u> </u>	JUN I	w	nen		031302
T R	17. Transporter 1 Acknowledgement of Receipt of	f Materials		7	117		7	Date Month Day Year
A	Printed/Typed Name	Kamac	Signature	lace Col	[[csr	na t		2121212
S	18. Transporter 2 Acknowledgement of Receipt o	/ Camos		au C v	(CV)			Date
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ú	20. Facility Owner or Operator: Certification of red	ceipt of hazardous n	Signature Signature	manifest excep	as no	teu in item 19.	, 	Month Day Year
Y	Printed/Typed Name), [//	Signature /) ///		031302
	This Agency is authorized to require, pursuant to Illinois Rev	ised Statute, 1989, Cha	pter 111 1/2, Section 1004 a	nd 1021, that this	informa	tion be submitted to	the Age	ency Failure to provide

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81

IL532-0610

EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039 PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) Manifest Information in the shaded areas is not required by Federal law, but is required by 1. Generator's US EPA ID No. **UNIFORM HAZARDOUS** Document No **WASTE MANIFEST** Illinois law A. Illinois Manifest Document Number 3 Generator's Name and Mailing Address Rogers Park Station 1110816 FE PAID 6659 N Kedzie Ave 130 E Randolph Drive 20th Floor Generator's IL Chicago IL 60601 ATTN A Millerick Chicago IL 60645 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* ID Number Lo Transporter's 4 3 8 5 US EPA ID Number 5. Transporter 1 Company Name ID Number Transporter's Profile 227-9388 D. Kangaroo Trucking Transporter's US EPA ID Number 7. Transporter 2 Company Name 8 ID Number F. Transporter's Phone (9 Designated Facility Name and Site Address 10. US EPA ID Number 0 3 G. Facility's IL 138th & Bishop Ford Fwy ID Number Calumet City IL 60409 H. Facility's Phone (12. Containers 13 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No. Wt/Vol No Type Quantity EPA HW Number G a. E Not hazardous by DOT MGP contaminated soil N RF 1 1 0.0.1 D Ε EPA HW Number b. R Δ T EPA HW Number C. 0 R EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BP 1146 15. Special Handling Instructions and Additional Information Load 3 Load 4 Load 2 Load 1 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Month Year Day Printed/Typed Name Signature 13 0 Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials TRANSPORTER Month Day Year Printed/Typed Name Signature 0131113 0 Date 18. Transporter 2 Acknowledgement of Receipt of Materials Month Day Year Signature Printed/Typed Name 19. Discrepancy Indication Space A C l Date 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19 Month Day Year Printed/Typed Name Signature 31301 ency. Failure to provide a fine up to \$50,000 1004 and 1021, that this information be submitted to the Agency day of violation. Falsification of this information may result in a This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center

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State Form LPC 62 8/81 II 532-0610 EASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved, OMB No. 2050-0039 **UNIFORM HAZARDOUS** イ. Generator's US EPA ID No. Manifest Document No 2. Page 1 Information in the shaded areas is not required by Federal law, but is required by Illinois law. **WASTE MANIFEST** 3.000 3 People atoris Name and Mailing Address A. Illinois Manifest Document Number Rogers Park Station 0818FEE PAID 130 E Randolph Drive 20th Floor 6659 N Kedzie Ave Chicago IL 60601 ATTN A Millerick Generator's IL Chicago IL 60645 ID Number In 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* 5 Transporter 1 Company Name Transporter's US EPA ID Number 4 3 8 5 6. ID Number Kangaroo Trucking Transporter's Phone 227-9988 D 7. Transporter 2 Company Name 8 US EPA ID Number E Transporter's **ID Number** 9 CPR Apple and Site Address 10 F. Transporter's Phone (US EPA ID Number 138th & Bishop Ford Fwy G. Facility's IL ID Number Calumet City IL 60409 ξ H Facility's Phone 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) č 12 Containers 13 RainaRiann Total Unit Waste No. Type Quantity Wt/Vol G a EPA HW Number Ε Not hazardous by DOT MGP contaminated soil N 0.0.1 D RF b. asindaau EPA HW Number С EPA HW Number ä 0987-787 / 112 d EPA HW Number J. Additional Description for Materials Listed Above K. Handling Codes for Wastes Listed Above In Item #14 Class A and the National Response Center at 800 / 424-8802 or 202 / 426-2675 Profile BF 1146 15. Special Handling Instructions and Additional Information Load 3 Load 4 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Date Date Printed/Typed Name Month Day Alison Millerick 03 13 02 17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day 1300 18. Transporter 2 Acknowledgement of Receipt of Materials Date Printed/Typed Name Signature Day Month Year 19 Discrepancy Indication Space 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19 Date Printed/Typed Name Signature Day Year Month 031302 This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Sect this information may result in a civil penalty against the owner or operator not to exceed \$25,000 r per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center the Agency. Failure to result in a fine up to 1/2. Section that this information be submitted. Falsification of this information may

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FOR SHIPMENT OF HAZARDOUS

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SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 P.O. BOX 19276 AND SPECIAL WASTE State Form LPC 62 8/81 11.532-0610 EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039 LEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) Information in the shaded areas is not required by Federal law, but is required by Illinois law. Manifest Document No 1. Generator's US EPA ID No. 2. Page 1 **UNIFORM HAZARDOUS** WASTE MANIFEST A. Illinois Manifest Document Number Rogers Park Station 3. Generator's Name and Mailing Address leoples Gas Light & Coke Co FEE PAID q 130 K Randolph Drive 20th Floor 6659 N Kedzie Ave Generator's IL ID Number 10 ck Chicago IL 60645 ASSISTANCE NUMBERS* Chicago IL 60601 ATTN A Millerick Transporter's 3 8 5 6. US EPA ID Number 5. Transporter 1 Company Name ID Number D. Transporter's Pt637e 227-9988 Kangaroo Trucking US EPA ID Number Transporter's 8 7. Transporter 2 Company Name ID Number F. Transporter's Phone (9 Designated Facility Name and Site Address US EPA ID Number 10. Facility's IL () 0 1 9 0 0 138th & Bishop Ford Fwy H. Facility's Phone 7/73 646-3099 Calumet City IL 60409 12. Containers 13 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No. No. Type Quantity Wt/Vo EPA HW Number G Е Not hazardous by DOT MGP contaminated soil N P 1 1 0 0 1 Ε EPA HW Number b. R T EPA HW Number Ó R EPA HW Number d K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information Load 3/5 Load 4 Load 1 Load 2 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford Date Day Printed/Typed Name Signature 031 3 02 Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials Day Month Year Signature ANSPORTER 03 00 Date Transporter 2 Acknowledgement of Receipt of Materials Dav Month Year Signature Printed/Typed Name 19. Discrepancy Indication Space ACI 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in the manifest except except as noted in the manifest except except as noted in the manifest except Date Month Day Year Printed/Typed Name Signature

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P.O. BOX 19276

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81 IL532-0610 FPA Form 8700-22 (Rev. 6-89)

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	Calumet City IL 60409				H. Fac	ility's Phone $^{l}($	3 646-	3099	
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T	20. Facility Owner or Operator: Certification of receipt of hazardous m		by this man	ifest excep	t as not	ed in item 19.		Date Month Day Year	
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	This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Char	pter 111 1/2, Section	on 1004 and 1	021, that this	informati	on be submitted	to the Ag	ency Failure to provide	
	This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chaj hiis information may result in a civil penalty against the owner or operator not to per day of violation and imprisonment up to 5 years. This form has been approved by the Forms		er day of violat	tion. Falsificat	on of thi	s intormation may	, result in	a mis up to poolood	

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

II 532-0610

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 Form Approved. OMB No. 2050-0039 PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) 1. Generator's US EPA ID No Manifest Information in the shaded areas is not required by Federal law, but is required by 2 Page 1 **UNIFORM HAZARDOUS** Document No WASTE MANIFEST A. Illinois Manifest Document Number Location If Different Rogers Park Station 3 Generator's Name and Mailing Address Peoples 6as Light & Coke Co FEE PAID 10110821 IF APPLICABLE 130 E Randolph Drive 20th Floor 6659 N Kedzie Ave B. Generator's IL ID Number 10 Chicago IL 60601 ATTN A Millerick Chicago IL 60645 24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* Transporter's 4 3 8 US EPA ID Number 5. Transporter 1 Company Name 6. ID Number Kangaroo Trucking D. Transporter's Pt636 27-9988 US EPA ID Number Transporter's 7. Transporter 2 Company Name 8 ID Number F. Transporter's Phone (9 Designated Facility Name and Site Address US EPA ID Number 10 G. Facility's IL 0 3 1 0 3 9 138th & Bishop Ford Pwy ID Number H. Facility's Phone 7/73 646-3099 Calumet City IL 60409 12. Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No. No. Type Wt/Vol Quantity G EPA HW Number E Not hazardous by DOT MGP contaminated soil N 0 - 0 - 1 ì 1 1 Е EPA HW Numbe b R Ť EPA HW Number 0 R EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information Load 3 / Load 4 Load 1 וושטעטווטס 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. Callia If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR**, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford Date Printed/Typed Name Month Day Year Signature Alison Millerick 031302 Date 17. Transporter 1 Acknowledgement of Receipt of Materials Month Day Year Printed/Typed Name Signature ANSPORTER 03430 Date 18. Transporter 2 Acknowledgement of Receipt of Materials Day Year ç Month Printed/Typed Name Signature C107-07#1707 19. Discrepancy Indication Space ACI manifest/except as noted in Date 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this Year Month Day Printed/Typed Name Signature 031302 This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center. 1004 and 1021, that this information be submitted to the day of violation. Falsification of this information may result

UNIFORM HAZARDOUS WASTE MANIFEST		EDA ID No	Mani		2 F	Page 1	Informa	tion in t	he shaded are
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State Form LPC 62 8/81

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A	UNIFORM HAZARDOUS WASTE MANIFEST	1 Generator's US	EPA ID No.	Manifest Document No.		of Illinois	d by Fede law	he shaded areas is not ral law, but is required by
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-	20. Facility Owner or Operator: Certification of re	eceipt of hazardous m		manifest excep	as note	eu in item 19.		Month Day Year
	Printed/Typed Name	1 1/2	Signature	A /	~			031000
<u></u>	is Agency is authorized to require, pursuant to Illinois Re	evised Statute 1980 Chan	ter 111 1/2 Section 1004 as	nd 1021, that this	Information	on be submitted to	the Age	ency. Failure to provide
m	is Agency is authorized to require, pursuant to lilinois He s information may result in a civil penalty against the or r day of violation and imprisonment up to 5 years. This form has t	wher or operator not to	exceed \$25,000 per day or	violation. Falsificat	on of this	information may	result in	a fine up to \$50,000

State Form LPC 62 8/81

IL532-0610

Form Approved. OMB No. 2050-0039 EPA Form 8700-22 (Rev. 6-89) PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) Information in the shaded areas is not required by Federal law, but is required by Illinois law. 1. Generator's US EPA ID No. Manifest Document No 2. Page 1 **UNIFORM HAZARDOUS** WASTE MANIFEST A. Illinois Manifest Document Number 24 FEE PAID 24 IF APPLICABLE Rogers Park Stafferent 3 Generator's Name and Mailing Address 6659 N Kedzie Ave 130 E Randolph Drive 20th Floor Generator's IL Chicago IL 60601 ATTN A Willerick Chicago IL 60645 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* ID Number In I 5. Transporter 1 Company Name Transporter's 4 3 8 5 US EPA ID Number ID Number D. Transporter's Profile 227-9988 Kangaroo Trucking Transporter's US EPA ID Number 7. Transporter 2 Company Name 8 **ID Number** F. Transporter's Phone (9 Pesignated Facility Name and Site Address US EPA ID Number 10. G Facility's IL 0 3 1 0 0 0 3 Q ID Number 138th & Bishop Ford Fwy H. Facility's Phone (Calumet City IL 60409 12. Containers 13 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Unit Total Waste No. Quantity Wt∕Vo No. Type EPA HW Number G Ε Not hazardous by DOT MGP contaminated soil N P 1 1 0.0.1 Ε EPA HW Number b. R т EPA HW Number 0 R EPA HW Number d. K. Handling Codes for Wastes Listed Above in Item #14. J. Additional Description for Materials Listed Above Class A Profile EF 1146 15. Special Handling Instructions and Additional Information Load 4 Load 2 Load 3_ Load 1 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Day Year Month Printed/Typed Name Signature 02 Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials Month Day Year Signature Printed/Typed Name ANSPORTER Date 18. Transporter 2 Acknowledgement of Receipt of Materials Month Day Year Printed/Typed Name Signature 40 7169 19. Discrepancy Indication Space Date 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Month Day Year Signature Printed/Typed Name 0314 0 This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center 4 and 1021, that this 4 formation be submitted to the Agency. Failure to of violation. Falsification of this information may result in a fine up to

Printed/Typed Name

FOR SHIPMENT OF HAZARDOUS SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 P.O. BOX 19276 AND SPECIAL WASTE State Form LPC 62 8/81 IL532-0610 Form Approved. OMB No. 2050-0039 PLEASE TYPE EPA Form 8700-22 (Rev. 6-89) (Form designed for use on elite (12-pitch) typewriter.) Information in the shaded areas is not required by Federal law, but is required by Illinois law. Manifest 1. Generator's US EPA ID No. 2. Page 1 UNIFORM HAZARDOUS WASTE MANIFEST A. Illinois Manifest Document Number Location If Different Rogers Park Station 3 Generator's Name and Mailing Address Peoples Gas Light & Coke Co FEE PAID IF APPLICABLE 130 E Randolph Drive 20th Floor 6659 N Kedzie Ave Generator's IL Chicago IL 60645 SISTANCE NUMBERS* ID Number In Transporter's US EPA ID Number 6. 5. Transporter 1 Company Name ID Number Transporter's Ph636e 227-9988 D. Kangaroo Trucking Transporter's US EPA ID Number 7. Transporter 2 Company Name 8 ID Number F Transporter's Phone (9 Designated Facility Name and Site Address 10. US EPA ID Number Facility's IL 0 3 1 0 0 138th & Bishop Ford Fwy ID Number Calumet City IL 60409 H. Facility's Phone 1/73 646 12. Containers 13 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No No. Type Quantity Wt/Vol EPA HW Number G Ε Not hazardous by DOT MGP contaminated soil Ν 1 1 0 - 0 -1 D E EPA HW Number b. R Δ EPA HW Number C. O R EPA HW Number d. K Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information Load 3 Load 4 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Date Month Day Year Printed/Typed Name Signature Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials Month Day Year Printed/Typed Name Signature vM0S Date 18. Transporter 2 Acknowledgement of Receipt of Materials Month Day Year Printed/Typed Name Signature 19 Discrepancy Indication Space A C I

Signature This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submit this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation. Falsification of this information per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center. the Agency. Fa result in a fine

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 197

Date

Day

Month

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P.O. BOX 19276

State Form LPC 62 8/81

IL532-0610

EASE TYPE EPA Form 8700-22 (Rev. 6-89) Form Approved, OMB No. 2050-0039 (Form designed for use on elite (12-pitch) typewriter.) Manifest Document No. Information in the shaded areas is not required by Federal law, but is required by Illinois law. 1. Generator's US EPA ID No **UNIFORM HAZARDOUS** WASTE MANIFEST A. Illinois Manifest Document Number 3 Generator's Name and Mailing Address Rogers Park Stafferent 10826 FEE PAID 130 E Randolph Drive 20th Floor 6659 N Kedzie Ave Generator's IL Chicago IL 60601 ATTN A Millerick Chicago IL 60645 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* ID Number IA C. Transporter's 4 3 8 5 US EPA ID Number 5. Transporter 1 Company Name ID Number D. Transporter's Profile 227-9988 Kangaroo Trucking E Transporter's ID Number US EPA ID Number 7. Transporter 2 Company Name R F. Transporter's Phone (US EPA ID Number 9 Designated Facility Name and Site Address 10. 0 G Facility's IL 0 3 3 138th & Bishop Ford Fwy Calumet City IL 60409 H. Facility's Phone 12. Containers 13 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Unit Total Waste No. Wt/Vo Type Quantity G , EPA HW Number a E Not hazardous by DOT MGP contaminated soil N 0.0.1 7 1 1 D. T Ε EPA HW Number b. B T EPA HW Number 0 C. R EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Profile BF 1146 15. Special Handling Instructions and Additional Information Load 1 Load 2 Load 3 Load 4 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford Date Year Month Dav Printed/Typed Name Signature 02 Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials TRANSPORTER Month Day Year Printed/Typed Name Signature 14 (NANI) 18. Transporter 2 Acknowledgement of Receipt of Materials Day Month Printed/Typed Name Signature 19. Discrepancy Indication Space A Date 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Month Day Printed/Typed Name Year Signature 0514 This Agency is authorized to require, pursuant to Illinois Revised Statute 1989, Chapter 111 1/2, Section this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center 4 and 1021, of violation. that this information be submitted to the Agency Falsification of this information may result in a fine

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STATE OF ILLINOIS

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS

P.O. BOX 19276

State Form LPC 62 8/81 IL532-0610 AND SPECIAL WASTE

PL	EASE TYPE (Form designed for use on elite (1	2-pitch) typewriter.)	EPA For	n 8700-22 (Re		F	orm Approved. OM	B No. 205	0-0039
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	5. Transporter 1 Company Name	6	US EPA	ID Number		ID	Number	0.997	4 3 8 5
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	138th & Bishop Ford Pwy					. ID	cility's IL () 3 Number _I	47.1	
	Calumet City IL 60409	1				H. Fa	cility's Phone 7	3 646-	3099
	11. US DOT Description (Including Proper Shipp	oing Name, Hazard (Class, and ID Nui	nber)	12. Cont	ainers	13 Total	14. Unit	
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	16. GENERATOR'S CERTIFICATION: I hereby dec proper shipping name and are classified, packet according to applicable international and national if I am a large quantity generator, I certify that be economically practicable and that I have sele and future threat to human health and the envir select the best waste management method that	d, marked, and labeled al government regulati I have a program in p ected the practicable r conment; OR , if I am a	d, and are in all re ons. place to reduce the nethod of treatmen small quantity ger	spects in property volume and to the storage.	er condition oxicity of w	n for tran vaste gei irrently a	sport by highwa nerated to the d vailable to me w	egree I h	imizes the present ste generation and
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T R	17. Transporter 1 Acknowledgement of Receipt of Printed/Typed Name	of Materials	Signature	- 1					Date Month Day Year
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P C	18. Transporter 2 Acknowledgement of Receipt of	of Materials						\bigcirc	Date
TRANSPORTER	Printed/Typed Name		Signature						Month Day Year
H	19. Discrepancy Indication Space								
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7	20. Facility Owner or Operator: Certification of re	ceipt of hazardous n	naterials covered	by this manif	est except	as note	d in item 19.		Date
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th	nis Agency is authorized to require, pursuant to Illine'is Rei is information may result in a civil penalty against the over day of violation and imprisonment up to 5 years. This form has be	vner or operator not to	exceed \$25,000 per	1004 and 102 day of violatio	1, that this n. Falsification	information of this	n be submitted to information may	the Age result in	ncy. Failure to provide a fine up to \$50,000

FOR SHIPMENT OF HAZARDOUS

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 P.O. BOX 19276 AND SPECIAL WASTE State Form LPC 62 8/81 Form Approved, OMB No. 2050-0039 EPA Form 8700-22 (Rev. 6-89) LEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) Information in the shaded areas is not required by Federal law, but is required by Illinois law Manifest 2. Page 1 **UNIFORM HAZARDOUS** 1. Generator's US EPA ID No Document No **WASTE MANIFEST** Illinois Manifest Document Number 3 Generator's Name and Mailing Address FEE PAID Rogers Park Station IF APPLICABLE 130 E Randolph Drive 20th Floor 6659 N Kedzie Ave Generator's IL ID Number 10 Chicago IL 60601 ATTN A Millerick Chicago IL 60645 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* Transporter's 3 8 US EPA ID Number **ID Number** 5. Transporter 1 Company Name D. Transporter's Proble 227-9988 Kangaroo Trucking Transporter's 8. US EPA ID Number 7. Transporter 2 Company Name ID Number F. Transporter's Phone (9 Pesignated Facility Name and Site Address 10 US EPA ID Number G. Facility's IL 138th & Bishop Ford Fwy ID Number Calumet City IL 60409 H. Facility's Phone 12 Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No. Type Quantity Wt/Vol EPA HW Number G а.. E Not hazardous by DOT MGP contaminated soil 1 1 F N 0.0.1 D. T EPA HW Number Ē b. R Α Ţ EPA HW Number C. 0 R EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information Load 3 / S Load 4 Load 1 Load 2 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Year Month Day Signature Printed/Typed Name 02 Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials Day Year Month Signature Printed/Typed Name ANSPORTER Date 18. Transporter 2 Acknowledgement of Receipt of Materials Year Day Month Signature Printed/Typed Name 19 Discrepancy Indication Space A 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item Date Month Day Year Signature Printed/Typed Name 031402

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P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

State Form LPC 62 8/81

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE Form Approved. OMB No. 2050-0039 Information in the shaded areas is not required by Federal law, but is required by Illinois law ID Number 10 Transporter's 4 3 8 5 **ID** Number Transporter's ID Number ID Number | Total Unit Waste No. Quantity Wt/Vol EPA HW Number P 1 EPA HW Number EPA HW Number EPA HW Number Date Month Dav Year Month Day Year 031 02 Day Year Month

LEASE TYPE EPA Form 8700-22 (Rev. 6-89) (Form designed for use on elite (12-pitch) typewriter.) Manifest Document No **UNIFORM HAZARDOUS** 1. Generator's US EPA ID No. 2. Page 1 **WASTE MANIFEST** A. Illinois Manifest Document Number
IL 10110829 FEE PAID Location If Different Rogers Park Station 3 Generator's Name and Mailing Address Peoples Gas Light & Coke Co 130 K Randolph Drive 20th Floor 6659 N Kedzie Ave B. Generator's IL Chicago IL 60601 ATTN A Millerick Chicago IL 60645 US EPA ID Number 5. Transporter 1 Company Name 6 D. Transporter's Pt63fe 227-9988 Kangaroo Trucking US EPA ID Number 7. Transporter 2 Company Name 8 F. Transporter's Phone (9 Designated Facility Name and Site Address 10. US EPA ID Number G. Facility's IL 0 3 1 138th & Bishop Ford Fwy H. Facility's Phone 773 646-3099 Calumet City IL 60409 12 Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) No. Type G a. E Not hazardous by DOT MGP contaminated soil N 0 0 1 E b. R Δ т 0 C. R d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information Load 2.15 Load 3/S Load 4 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford Printed/Typed Name Signature Alison Millerick 17. Transporter 1 Acknowledgement of Receipt of Materials TRANSPORTER Printed/Typed Name Signature 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature 19 Discrepancy Indication Space FACI Date 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Month Day Year Printed/Typed Name Signature 031402 This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021. That this information be submitted to the Agency Failture to provide this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation. Falsification of this information may result in a fine up to \$50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

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FOR SHIPMENT OF HAZARDOUS

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P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 AND SPECIAL WASTE State Form LPC 62 8/81 LEASE TYPE EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039 (Form designed for use on elite (12-pitch) typewriter.) Manifest Information in the shaded areas is not required by Federal law, but is required by 1 Generator's US EPA ID No. **UNIFORM HAZARDOUS** Document No **WASTE MANIFEST** Illinois law A. Illinois Manifest Document Number Rogers Park Spifferent 3 Generator's Name and Mailing Address 0830 FEE PAID 6659 N Kedzie Ave 130 E Randolph Drive 20th Floor B. Generator's IL Chicago IL 60645 Chicago IL 60601 ATTN A Millerick ID Number In 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* Transporter's 3 8 5 US EPA ID Number 5. Transporter 1 Company Name 6 ID Number D. Transporter's Phone 227-9988 Kangaroo Trucking US EPA ID Number Transporter's 7. Transporter 2 Company Name 8 ID Number F. Transporter's Phone (US EPA ID Number 9 Designated Facility Name and Site Address 10. G. Facility's IL 0 138th & Bishop Ford Fwy ID Number Calumet City IL 60409 H. Facility's Phone 12 Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No. Type Quantity Wt/Vo G EPA HW Number a. Е Not hazardous by DOT MGP contaminated soil N R F 1 1 0.0.1 D T F EPA HW Number b R EPA HW Number 0 R EPA HW Number đ. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information Load 1 Load 3_15 Load 4 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford Date Month Printed/Typed Name Signature Day Year Alison Millerick 02 Date 17. Transporter 1 Acknowledgement of Receipt of Materials Day Month Printed/Typed Name Signature 02 18. Transporter 2 Acknowledgement of Receipt of Materials Date Signature Month Day Year Printed/Typed Name 19. Discrepancy Indication Space 20. Facility Owner or Operator: Cartification of receipt of hazardous materials covered by this mahifest except as noted in item 19. Date Year Month Day Printed/Typed Name Signature

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SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

LPC 62 8/81

IL532-0610

State Form PLEASE TYPE EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039 (Form designed for use on elite (12-pitch) typewriter.) Manifest Information in the shaded areas is not required by Federal law, but is required by Illinois law. 1. Generator's US EPA ID No **UNIFORM HAZARDOUS** Document No WASTE MANIFEST A. Illinois Manifest Document Number Location If Different Rogers Park Station 3 Generator's Name and Mailing Address Peoples Gas Light & Coke Co FEE PAID **N**1 IF APPLICABLE 6659 N Kedzie Ave 130 E Randolph Drive 20th Floor Generator's IL ID Number Chicago IL 60645 Chicago IL 60601 ATTN A Millerick . *24 Hour emergency and spill assistance Transporter's 3 8 4 US EPA ID Number 5. Transporter 1 Company Name 6 ID Number D. Transporter's Phone 227-9988 Kangaroo Trucking US EPA ID Number Transporter's ID Number 8. 7. Transporter 2 Company Name F. Transporter's Phone (9 Designated Facility Name and Site Address US EPA ID Number 10. G. Facility's IL 0 3 1 0 3 9 0 0 0 138th & Bishop Ford Fwy ID Number | H. Facility's Phone 7(73 646-3099 Calumet City IL 60409 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers 13 14 Total Unit Waste No. No. Type Quantity Wt/Vo EPA HW Number G a. Ε Not hazardous by DOT MGP contaminated soil Ν 0 0 1 D 1 1 Ε FPA HW Number h R Δ т EPA HW Number C. Ω R EPA HW Number d K. Handling Codes for Wastes Listed Above In Item #14 J Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information Load 2 Load 3 Load 4 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Date Month Day Signature Printed/Typed Name 14 02 Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials Month Day Printed/Typed Name 71*ECフ* ソ*ろし*みん Date 18. Transporter 2 Acknowledgement of Receipt of Materials ORTER Day Month Printed/Typed Name Signature 19. Discrepancy Indication Space 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Date Dav Month Printed/Typed Name Signature that this information be submitted to the Agency Failure to Falsification of this information may result in a fine up to This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021 this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center

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FOR SHIPMENT OF HAZARDOUS SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 P.O. BOX 19276 AND SPECIAL WASTE State Form LPC 62 8/81 11 532-0610 Form Approved. OMB No. 2050-0039 EPA Form 8700-22 (Rev. 6-89) LEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) Information in the shaded areas is not required by Federal law, but is required by Manifest 1. Generator's US EPA ID No UNIFORM HAZARDOUS Document No. Illinois law WASTE MANIFEST A. Illinois Manifest Document Number Rogers fark Station 832FEE PAID 3-Generator's Name and Mailing Address 6659 N Kedzie Ave 130 E Randolph Drive 20th Floor В. Generator's IL Unicago IL 60601 ATTN A Millerick Chicago IL 60645 ID Number 10 Transporter's 38 US EPA ID Number **ID** Number 5. Transporter 1 Company Name D. Transporter's Phone 227-9988 Kangaroo Trucking Transporter's 8 US EPA ID Number 7. Transporter 2 Company Name ID Number F. Transporter's Phone (9 Designated Facility Name and Site Address 10 US EPA ID Number 3 G. Facility's IL. 138th & Bishop Ford Fwy ID Number Calumet City IL 60409 H. Facility's Phone 12. Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No No. Type Quantity Wt/Vo EPA HW Number G a. Ε Not hazardous by DOT MGP contaminated soil 1 1 Ν 0 0 1 D T EPA HW Number Ε b. R

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15. Special Handling Instructions and Additional Information

Load 4 Load 1 Load 3 Load 2

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations

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18. Transporter 2 Acknowledgement of Receipt of Materials		Month Day Year
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20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Signature Printed/Typed Name

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P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

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SPRINGFIELD. ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS

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STATE OF ILLINOIS

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TRANSPORTER

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Printed/Typed Name

P.O. BOX 19276 AND SPECIAL WASTE State Form L'PC 62 8/81 II 532-0610 EASE TYPE EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039 (Form designed for use on elite (12-pitch) typewriter.) Manifest Document No Information in the shaded areas is not required by Federal law, but is required by 1. Generator's US EPA ID No 2. Page 1 **UNIFORM HAZARDOUS WASTE MANIFEST** Location If Different Rogers Park Station A Illinois Manifest Document Number 3 Generator's Name and Mailing Address Peoples Gas Light & Coke Co 0835 FEE PAID 130 E Randolph Drive 20th Ploor 6659 N Kedzie Ave B. Generator's IL Chicago IL 60601 ATTN A Millerick Chicago IL 60645 L-24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* **ID** Number C. Transporter's 5. Transporter 1 Company Name US EPA ID Number ID Number D. Transporter's Pto 227-998 Kangaroo Trucking US EPA ID Number Transporter's 7. Transporter 2 Company Name 8 **ID** Number F. Transporter's Phone (US EPA ID Number 9 Designated Facility Name and Site Address CID RDF 810 S011 Facility 10. G. Facility's IL 0 3 1 ID Number | 1 3 9 0 0 0 138th & Bishop Ford Fwy H. Facility's Phone 7/73 646-3099 Calumet City IL 60409 12. Containers 13. 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No No. Туре Quantity Wt/Vol EPA HW Number G a. Ε Not hazardous by DOT MGP contaminated soil N 0 0 1 1 1 E EPA HW Number b R EPA HW Number 0 R EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information Load 4 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Date Date Year Dav Printed/Typed Name Signature 502 Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials Month Day Year Printed/Typed Name Signature 502 18. Transporter 2 Acknowledgement of Receipt of Materials Day Year Printed/Typed Name Signature 19. Discrepancy Indication Space Date 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center. that this information be submitted to the Agency. Failure to provide Falsification of this information may result in a fine up to \$50,000 and 1021,

Signature

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SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 LPC 62 8/81

II 532-0610

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form Form Approved. OMB No. 2050-0039 LEASE TYPE 19 (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Manifest Information in the shaded areas is not required by Federal law, but is required by 1. Generator's US EPA ID No **UNIFORM HAZARDOUS WASTE MANIFEST** Illinois Manifest Document Number 3 Generator's Name and Mailing Address 120 Ptes 64s Light & Coke Co Rogers Park Station 36 FEE PAID 6659 N Redzie Ave 130 E Randolph Drive 20th Floor B. Generator's IL Chicago IL 60645 Chicago IL 60601 ATTN A Millerick ID Number In 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* 5 Transporter 1 Company Name # Transporter's 4 3 8 5 US EPA ID Number **ID Number** D. Transporter's PHoHe 227-9988 Kangaroo Trucking US EPA ID Number 8 Transporter's 7. Transporter 2 Company Name ID Number F. Transporter's Phone (US EPA ID Number 9 Designated Facility Name and Site Address 10. 3 1 G. Facility's IL ID Number 138th & Bishop Ford Pwy Calumet City IL 60409 H. Facility's Phone (12. Containers 13 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No. No. Type Quantity Wt/Vo EPA HW Number G а Ε Not hazardous by DOT MGP contaminated soil Ν 0 1 K P 1 1 DT Ε EPA HW Numbe b. R Δ FPA HW Number 0 С R EPA HW Number d. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information Load 4 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Year Dav Printed/Typed Name Signature Alison Millerick 502 17. Transporter 1 Acknowledgement of Receipt of Materials TRANSPORTER Day Month Year Signature Printed/Typed Name Date 18. Transporter 2 Acknowledgement of Receipt of Materials Day Month Printed/Typed Name Signature 19. Discrepancy Indication Space FAC Date 20. Facility Owner or Operator: Cartification of receipt of hazardous materials covered by this manifest except as noted in item 19. Month Day Year Printed/Typed Name Signature 03/502 at This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2 Section this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center 4 and 1021, that this information be submitted to the of violation. Falsification of this information may result

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SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

STATE OF ILLINOIS

State Form LPC 62 8/81 IL532-0610 FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

尸	EASE TYPE, ; (Förm designed for use on elite (EPA Form 8700-22 (F			Form Approved. ON	B No. 2050	0-0039
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1	Renerator's Name and Mailing Address Peoples Gas Light & Coke Co	Rogers Par	lf Different k Station		A. III	inois Manifest D	ocument	7 FEE PAID
	130 E Randolph Drive 20th Floor	6659 N Ked			I L	_ LU L L	<u> 183</u>	/ IF APPLICABLE
	Chicago IL 60601 ATTN A Millerick 4. *24 HOUR EMERGENCY AND SPILL ASSIS	Chicago IL	60645		ic	Number In In	19 16	h h t h i i
	5. Transporter 1 Company Name	A A 6.	US EPA ID Number			ansporter's Number		4 3 8 5
	Kangaroo Trucking # 59					ansporter's Pho	He 227-	9988
	7. Transporter 2 Company Name	8.	US EPA ID Number			ansporter's Number	1	
	9 Designated Facility Name and Site Address	10.	US EPA ID Number		F: Tr	ansporter's Pho	ne ()
	138th & Bishop Ford Fwy				G. Fa	acility's IL () 3	1 0	3 9 0 0 0 1
	Calumet City IL 60409	ı				acility's Phone 7	73 646-	3099
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	16. GENERATOR'S CERTIFICATION: I hereby deeproper shipping name and are classified, packed according to applicable international and nation. If I am a large quantity generator, I certify that be economically practicable and that I have sell and future threat to human health and the environment.	d, marked, and labeled al government regulation I have a program in plected the practicable more ronment; OR , if I am a	I, and are in all respects in pro ons. lace to reduce the volume and nethod of treatment, storage, or small quantity generator, I hav	per condition toxicity of very disposal cu	n for trai vaste ge urrently	nsport by nighwa enerated to the c available to me v	legree I h	imizes the present 🦠
	select the best waste management method that	is available to the and		\sim	- 01			Date Month Day Year
V	Printed/Typed Name Alison Millerick		Signature	$\sim YV$	1 <i>i 110</i> 1	mch)		031502
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R A	Printed/Typed Name		Signature '			^		Month Day Year
R A N S P	Kandy R. Woode	<i>(</i>	Kandyex	ر ب	bed	Sby_		031502
0 0	18. Transporter 2 Acknowledgement of Receipt	of Materials	X			<u> </u>		Date
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т	20. Facility Owner or Operator: Sertification of re	eceipt of hazardous m	aterials covered by this man	ifest except	as not	ed in item 19.		Date
Ý	Printed/Typed Name	1.2	Signature	1	7.	1		Month Day Year
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th	is Agency is authorized to require, pursuant to Illinois Res information may result in a civil penalty against the o r day of violation and imprisonment up to 5 years. This form has b	wner or operator not to	exceed \$25,000 per day of violat	u∠i, i⊓at tmīs ion Falsificati	informati on of thi	s information may	result in	a fine up to \$50 000

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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

LPC 62 8/81 State Form Form Approved. OMB No. 2050-0039 LEASE TYPE EPA Form 8700-22 (Rev. 6-89) (Form designed for use on elite (12-pitch) typewriter.) Manifest Document No Information in the shaded areas is not required by Federal law, but is required by Illinois law. 1. Generator's US EPA ID No 2. Page 1 **UNIFORM HAZARDOUS WASTE MANIFEST** Illinois Manifest Document Number Rogers Park Stafferent 3 Generator's Name and Mailing Address 8 FEE PAID SIF APPLICABLE 6659 N Redzie Ave 130 E Randolph Drive 20th Floor Generator's IL Chicago IL 60645 NUMBERS* Ghicago IL 60601 ATTN A Millerick L.*24 Hour emergency and spill assistance ID Number 10 C. Transporter's 4 3 8 5 US EPA ID Number 5. Transporter 1 Company Name ID Number D. Transporter's Profile 227-9988 Kangaroo Trucking US EPA ID Number Transporter's 7. Transporter 2 Company Name 8 ID Number F. Transporter's Phone (US EPA ID Number 9 Designated Facility Name and Site Address 10. G Facility's IL 138th & Bishop Ford Fwy ID Number Calumet City IL 60409 H Facility's Phone 12. Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Unit Total Waste No. No. Type Quantity Wt/Vol EPA HW Number G a. Ε Not hazardous by DOT MGP contaminated soil N 0 D 1 1 E FPA HW Number b. R EPA HW Number 0 C R **FPA HW Number** d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information Load 4 Load 1 Load 3 16 **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford Date Day Printed/Typed Name Signature Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials Year Month Day Printed/Typed Name Signature ANSPORTER Date 18. Transporter 2 Acknowledgement of Receipt of Materials Day Month Year Signature Printed/Typed Name 19. Discrepancy Indication Space ACI Date 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19 Month Day Year Printed/Typed Name Signature 1004 and 1021, that this information be submitted day of violation. Falsification of this information ma s Agency is authorized to require pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center

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	STATE/OF ILLINOIS . ENVIHUNMENTA P.O. BOX 19276		LD, ILLINOIS 62794-9276 (21	7) 782-6761 532-0610	30	FOR SH AND SP	HPMENT OF HAZARDOUS ECHAL WASTE	S
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	3 Generator's Name and Mailing Address Peoples Gas Light & Coke Co	Location Rogers Park	If Different Station		A Illinois	Manifest Do	cument Number	
	130 E Randolph Drive 20th Floor	6659 N Kedz	ie Ave		B. Genera		J & 3 3 IF APPLICABL	LE
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P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

LPC 62 8/81

State Form Form Approved. OMB No. 2050-0039 LEASE TYPE EPA Form 8700-22 (Rev. 6-89) (Form designed for use on elite (12-pitch) typewriter.) Manifest Document No Information in the shaded areas is not required by Federal law, but is required by Illinois law. 1. Generator's US EPA ID No 2. Page 1 **UNIFORM HAZARDOUS** WASTE MANIFEST Illinois Manifest Document Number 3 Generator's Name and Mailing Address Rogers Park Station OFEE PAID

OF APPLICABLE 130 E Randolph Drive 20th Floor 6659 N Kedzie Ave B. Generator's IL
ID Number | 1 | 13 Chicago IL 60645 NUMBERS* Chicago IL 60601 ATTN A Millerick . *24 Hour emergency and spill assistance Transporter's 4 3 8 5 US EPA ID Number 5. Transporter 1 Company Name D. Transporter's Prone 227-9988 Kangaroo Trucking # 19 US EPA ID Number Transporter's 7. Transporter 2 Company Name 8 ID Number F. Transporter's Phone (9 Designated Facility Name and Site Address US EPA ID Number 10. G. Facility's IL 138th & Bishop Ford Pwy ID Number Calumet City IL 60409 H. Facility's Phone 12. Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Unit Total Waste No. No. Туре Quantity Wt/Voi EPA HW Number G a. Ε Not hazardous by DOT MGP contaminated soil N 0 0 1 D T 1 1 Ε FPA HW Number b. R Т EPA HW Number o R EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile EF 1146 15. Special Handling Instructions and Additional Information 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Date Year Day Printed/Typed Name Alison Millerick 802 Date 17. Transporter 1 Acknowledgement of Receipt of Materials Day Year Month Signature Printed/Typed Name ANSPORTER 31802 auser Date 18. Transporter 2 Acknowledgement of Receipt of Materials Month Day Year Signature Printed/Typed Name 19 Discrepancy Indication Space 7 ACI Date Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. 20. Facility Owner or Operator: Month Day Year Printed/Typed Name Signature 8 02 s Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2. Section information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center that this unformation be submitted to the Agency. Failure to provide Falsification of this information may result in a fine up to \$50,000 1004 and 1021,

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P.O BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

LPC 62 8/81 State Form EASE TYPE EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039 (Form designed for use on elite (12-pitch) typewriter.) Manifes Information in the shaded areas is not required by Federal law, but is required by Illinois law. 1. Generator's US EPA ID No. 2. Page 1 UNIFORM HAZARDOUS Document No WASTE MANIFEST Location If Different Rogers Park Station A. Illinois Manifest Document Number 3 Generator's Name and Mailing Address Peoples Gas Light & Coke Co FEE PAID IF APPLICABLE 130 E Randolph Drive 20th Floor 6659 N Kedzie Ave B. Generator's IL Chicago IL 60645 NUMBERS* Chicago IL 60601 ATTN A Millerick . *24 HOUR EMERGENCY AND SPILL AS ID Number | C. Transporter's US EPA ID Number 5. Transporter 1 Company Name ID Number D. Transporter's Phone 227-998 Kangaroo Trucking US EPA ID Number Transporter's 7. Transporter 2 Company Name 8 ID Number F. Transporter's Phone (US EPA ID Number 9 Designated Facility Name and Site Address 10. 3 9 0 0 0 G Facility's IL 0 3 1 138th & Bishop Ford Pwy ID Number H. Facility's Phone 7,73 646-3099 Calumet City IL 60409 12. Containers 13 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No. Type Quantity Wt/Vol G EPA HW Number a. Ε Not hazardous by DOT MGP contaminated soil N 0.0 - 1Ε EPA HW Number b R T EPA HW Number 0 С R **FPA HW Number** d K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information 16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Date Day Year Printed/Typed Name B 02 Alison Millerick 17. Transporter 1 Acknowledgement of Receipt of Materials Date Year Month Day Printed/Typed Name MINLOMSKI 18. Transporter 2 Acknowledgement of Receipt of Materials Date ORTER Month Day Year Printed/Typed Name Signature 19. Discrepancy Indication Space ACI Date 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Year Month Day Printed/Typed Name Signature 0 s Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center. 1004 and 1021, f violation that this information of nation be submitted to the Agency this information may result in a

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL FOR SHIPMENT OF HAZARDOUS P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 AND SPECIAL WASTE LPC 62 8/81 State Form LEASE TYPE EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039 (Form designed for use on elite (12-pitch) typewriter.) Manifest 1. Generator's US EPA ID No. 2. Page 1 Information in the shaded areas is not required by Federal law, but is required by **UNIFORM HAZARDOUS** Document No Illinois law WASTE MANIFEST A. Illinois Manifest Document Number 3 p Generator's Name and Mailing Address Rogers Park Spifferent 0842 FEE PAID 130 K Randolph Drive 20th Floor 6659 N Kedzie Ave Generator's IL Chicago II 60601 ATTN A Millerick Chicago II 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* Chicago IL 60645 ID Number In C. Transporter's 4 3 8 5 US EPA ID Number 5. Transporter 1 Company Name ID Number D. Transporter's Prone 227-9988 Kangaroo Trucking E. Transporter's ID Number 7 Transporter 2 Company Name 8 US EPA ID Number F. Transporter's Phone (9 Designated Facility Name and Site Address 10 US EPA ID Number 0 3 1 0 3 G Facility's IL 138th & Bishop Ford Fwy **ID** Number 64,5-3099 Calumet City IL 60409 H. Facility's Phone 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers 13 Total Unit Waste No No. Туре Quantity Wt/Vol EPA HW Number G a. F Not hazardous by DOT MGP contaminated soil N 0 0 1 D T K F 1 1 E EPA HW Number b R Δ Т FPA HW Number 0 c. R EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BF 1146-A 15. Special Handling Instructions and Additional Information Load 2 Load 115 Load 3 Load 4 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Day Year Printed/Typed Name Month Signature 3 8 07 Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials Month Day Year Printed/Typed-Name Signature ANSPORTER 8 02 Date 18. Transporter 2 Acknowledgement of Receipt of Materials Day Month Year Printed/Typed Name Signature 19. Discrepancy Indication Space

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20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Date Month Day Printed/Typed Name Signature

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and 1021 that this information be submitted to the Agency. Fa violation. Falsification of this information may result in a fine Failure to This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2 Section this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center to Illinois Revised day of

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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL FOR SHIPMENT OF HAZARDOUS SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 P.O. BOX 19276 State Form LPC 62 8/81 EPA Form 8700-22 (Rev. 6-89) (Form designed for use on elite (12-pitch) typewriter.) Information in the shaded areas is not required by Federal law, but is required by Illinois law. Manifest 1. Generator's US EPA ID No. 2. Page 1 **UNIFORM HAZARDOUS** Document No WASTE MANIFEST A. Illinois Manifest Document Number IL 10110843 FEE PAID IF APPLICABLE 3 Generator's Name and Mailing Address Peoples Gas Light & Coke Co Rogers Park Station 130 E Randolph Drive 20th Floor 6659 N Kedzie Ave B. Generator's IL Chicago II 60601 ATTN A Millerick Chicago II 60645 ID Number In C. Transporter's US EPA ID Number 5. Transporter 1 Company Name **ID Number** D. Transporter's Pt630e 227-998 Kangaroo Trucking US EPA ID Number E. Transporter's 7. Transporter 2 Company Name 8 ID Number F. Transporter's Phone (9 Designated Facility Name and Site Address US EPA ID Number 10. G. Facility's IL 0 3 1 0 9 0 0 0 1 138th & Bishop Ford Fwy ID Number H. Facility's Phone 7/73 Calumet City IL 60409 12. Containers 13 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No. No. Туре Quantity Wt/Vo G EPA HW Number а Ε Not hazardous by DOT MGP contaminated soil N 11 Ŋ 0 0 1 Ε EPA HW Number b R Α т EPA HW Number o R EPA HW Number ď K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile RF 1146 15. Special Handling Instructions and Additional Information Load 4 Load 1 Load 2 Load 3 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford Day Month Year Printed/Typed Name 802 Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials

Day Year 18. Transporter 2 Acknowledgement of Receipt of Materials Date Month Day Year Signature Printed/Typed Name 19. Discrepancy Indication Space Date 20. Facility Owner or Operator. Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Month Day Year Printed/Typed Name Signature This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center. and 1021, violation that this information be submitted to the Agency Failure to provide Falsification of this information may result in a fine up to \$50,000

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SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

IL532-0610 State Form LPC 62 8/81

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

PL	EASE TYPE (Form designed for use on elite (12-pitch) typewriter.)	EPA Form 8700-2		Fo	orm Approved. C)MB No. 205	0-0039
A	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's U	JS EPA ID No.	Manifest Document No.	i	requ	mation in th ired by Feder ois law.	ne shaded areas is not ral law, but is required by
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	4. *24 HOUR EMERGENCY AND SPILL ASSIST	STANCE NUMBER 6.	S* US EPA ID Num	ber	C. Tra	ansporter's Number		4 3 8 5
	Kangaroo Trucking #99					insporter's P	16HE 221-	9988
	7. Transporter 2 Company Name	8.	US EPA ID Num	ber	ID	insporter's Number		
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	Calumet City IL 60409					cility's Phone		3033
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ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

II 532-0610

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 EPA Form 8700-22 (Rev. 6-89) Form Approved, OMB No. 2050-0039 PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) Manifest Information in the shaded areas is not required by Federal law, but is required by Illinois law. 1. Generator's US EPA ID No. 2. Page 1 UNIFORM HAZARDOUS WASTE MANIFEST A. Illinois Manifest Document Number 3 Generator's Name and Mailing Address Peoples Gas Light & Coke Co Rogers Park Station 5 FEE PAID
5 IF APPLICABLE 130 E Randolph Drive 20th Floor 6659 N Kedzie Ave Generator's IL ID Number Chicago IL 60601 ATTN A Millerick Chicago IL 60645 Transporter's US EPA ID Number 5. Transporter 1 Company Name **ID Number** D. Transporter's Phone 227-9988 Kangaroo Trucking 7. Transporter 2 Company Name 8. US EPA ID Number E. Transporter's ID Number F. Transporter's Phone (US EPA ID Number 10 9 Designated Facility Name and Site Address CID RDF 810 S011 Facility G. Facility's IL 0 3 1 0 3 9 0 0 138th & Bishop Ford Fwy H. Facility's Phone 773 646-3099 Calumet City IL 60409 12. Containers 13 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total 1 Init Waste No No. Type Quantity Wt/Vo EPA HW Number G a. Ξ Not hazardous by DOT MGP contaminated soil N 0 0 1 D T 1 1 E EPA HW Number b R Α EPA HW Number C. a R FPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information Load 3 Load 4 Load 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Month Day Year Printed/Typed Name Signature 03 9 02 Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials Day Year Printed/Typed Name Month Signature 0319 0 セイルけんじつ Date 18. Transporter 2 Acknowledgement of Receipt of Materials ORT Day Year Printed/Typed Name Signature 19. Discrepancy Indication Space ACI 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Date Year Day Month Printed/Typed Name Signature that this information be submitted to This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

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Falsification of this information may result in a

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

AND SPECIAL WASTE

State Form LPC 62 8/81 IL532-0610 FOR SHIPMENT OF HAZARDOUS

PL	EASE TYPE (Form designed for use on elite (1	(2-pitch) typewriter.)	EPA Form 8700		ī	orm Approved. O	MB No. 205	0-0039			
A	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US	EPA ID No.	Manifest Document No	1	Page 1 Information	red by Fede	he shaded areas eral law, but is requ	is not ired by		
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	Kangaroo Trucking		8. US EPA ID Number			D. Transporter's Phorie 227-9988 E. Transporter's					
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	138th & Bishop Ford Pwy Calumet City IL 60409					Number 1 11	773 646-	3099			
						H. Facility's Phone (173 646-3099)					
	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				Type	Total Quantity	Unit Wt/Vo		io		
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	J. Additional Description for Materials Listed Abo	ove	+250mi		K. Ha	andling Codes	for Waste	s Listed Above			
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	15. Special Handling Instructions and Additional										
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ORT	18. Transporter 2 Acknowledgement of Receipt Printed/Typed Name	of Materials	Signature	•				Month Day	Year		
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tt	This Agency is authorized to require, pursuant to Illinois Rehis information may result in a civil penalty against the clear day of violation and imprisonment up to 5 years. This form has l	owner or operator not to	o exceed \$25,000 per waay	and 1021, that if of violation. Falsific	ation of th	uon se submiπed nis information ma	y result in	a fine up to \$5	50,000		

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FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81

IL532-0610

Form Approved. OMB No. 2050-0039 EPA Form 8700-22 (Rev. 6-89) EASE TYPE (Form designed for use on elite (12-pitch) typewriter.) Information in the shaded areas is not required by Federal law, but is required by 1. Generator's US EPA ID No. Manifest 2. Page 1 UNIFORM HAZARDOUS **WASTE MANIFEST** A. Illinois Manifest Document Number 3, Generator's Name and Mailing, Address 1eoples tas Light & toke to Rogers Park Station FEE PAID IF APPLICABLE 6659 N Kedzie Ave 130 E Randolph Drive 20th Floor B. Generator's IL ID Number Chicago IL 60601 ATTN A Millerick Chicago IL 60645. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* Transporter's US EPA ID Number 6. 5. Transporter 1 Company Name **ID Number** D. Transporter's Proble 227-9988 Kangaroo Trucking 8. US EPA ID Number Transporter's 7. Transporter 2 Company Name **ID Number** F. Transporter's Phone (9 Designated Facility Name and Site Address US EPA ID Number 10 G Facility's IL 0 3 1
ID Number | | | 3 9 0 0 0 138th & Bishop Ford Fwy H. Facility's Phone 7/73 646-3099 Calumet City IL 60409 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) 12. Containers 13 Total Unit Waste No. Quantity No. Type Wt/Vo EPA HW Number G Ε Not hazardous by DOT MGP contaminated soil N P 1 1 0 0 1 D T Ε EPA HW Number b R A T EPA HW Number 0 R EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information Load 3 15 Load 4 Load 2 Load 1 16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Month Day Year Printed/Typed Name Signature Alison Millerick 17. Transporter 1 Acknowledgement of Receipt of Materials Date Day Month Year Printed/Typed Name Signature ANSPORTER Date 18. Transporter 2 Acknowledgement of Receipt of Materials Day Month Year Printed/Typed Name Signature 19. Discrepancy Indication Space A C I Date 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Month Day Year Printed/Typed Name 031902 This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 and 1021, that this information be submitted to the Agency Failure to provide this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation. Falsification of this information may result in a fine up to \$50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

P O BOX

State Form LPC 62 8/81 IL532-0610

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Ρl	EASE TYPE (Form designed for use on elite (12	2-pitch) typewriter.)	EPA Form 8	700-22 (Rev	. 6-89)	F	orm Approved. O	MB No. 2050	-0039
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	Chicago IL 60601 ATTN A Millerick 4. *24 HOUR EMERGENCY AND SPILL ASSIST 5. Transporter 1 Company Name	Chicago IL (ANCE NUMBERS*	US EPA IC) Number		C. Tra	Number 10 1 ansporter's Number		0 2 5 0 2 7 4 3 8 5
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P O R	18. Transporter 2 Acknowledgement of Receipt of								Date Month Day Year
TRANSPORTER	Printed/Typed Name TAM VII CA	1119	Signature	0/1					Month Day rear
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t	This Agency is authorized to require, pursuant to Illinois Reference in the information may result in a civil penalty against the owner day of violation and imprisonment up to 5 years. This form has be	ner or operator not to e	xceed \$25,000 per a	004 and 102 ay of violation	that this	information of thi	on be submitted s information ma	to the Ager y result in	ncy. Faiture to provide a fine up to \$50,000

P.O. BOX 19276

SPRINGEIELD III INOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form

LPC 62 8/81 IL532-0610

EPA Form 8700-22 (Rev. 6-89) PLEASE TYPE Form Approved. OMB No. 2050-0039 (Form designed for use on elite (12-pitch) typewriter.) Manifest Document No. Information in the shaded areas is not required by Federal law, but is required by Illinois law. 1. Generator's US EPA ID No 2. Page 1 UNIFORM HAZARDOUS **WASTE MANIFEST** 3, Generator's Name and Mailing Address 160 pies vas Light & Coke Co A. Illinois Manifest Document Number Rogers Park Station FEE PAID IF APPLICABLE 130 K Randolph Drive 20th Floor 6659 N Kedzie Ave В. Generator's IL Chicago IL 60601 ATTN A Millerick ID Number In Chicago IL 60645 Transporter's US EPA ID Number 5. Transporter 1 Company Name 6 ID Number D. Transporter's Pto le 227-9988 Kangaroo Trucking US EPA ID Number Transporter's 7. Transporter 2 Company Name 8 ID Number F. Transporter's Phone (9 Designated Facility Name and Site Address US EPA ID Number 10 3 9 0 0 0 1 0 G. Facility's IL 0 3 138th & Bishop Ford Pwy ID Number H. Facility's Phone 7,73 646-3099 Calumet City IL 60409 12. Containers 13 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No. Type Wt/Vo Quantity EPA HW Number G a. E Not hazardous by DOT MGP contaminated soil N 0 0 1 D T Ε FPA HW Number b. R Α EPA HW Number 0 C. EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile RF 1146 15. Special Handling Instructions and Additional Information Load 3 /5 Load 2 Load 4 Load 1 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Date Date Month Day Year Printed/Typed Name Signature 982 Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials TRANSPORTER Day Year Month Printed/Typed Name Signature AWD ORGE 18. Transporter 2 Acknowledgement of Receipt of Materials Date Dav Printed/Typed Name Month Year Signature 19. Discrepancy Indication Space FAC 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Date Month Day Year Printed/Typed Name Signature 0 This Agency is authorized to require, pursuant to Illinois Hevised Statute, 1989, Chapter 111 1/2, Section 1004 a this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center. and 1021, f violation that this information be submitted t Falsification of this information may Submitted to the Age mation may result in fine

Printed/Typed Name

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL

FOR SHIPMENT OF HAZARDOUS

Month

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Year

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SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 P.O. BOX 19276 AND SPECIAL WASTE LPC 62 8/81 IL532-0610 State Form PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039 Manifest 1. Generator's US EPA ID No 2. Page 1 UNIFORM HAZARDOUS Information in the shaded areas is not Document No required by Federal law, but is required by Illinois law WASTE MANIFEST A. Illinois Manifest Document Number 3 Generator's Name and Walling Address Rogers Tark spifferent () IF APPLICABLE 6659 N Kedzie Ave 130 E Randolph Drive 20th Floor Generator's IL Chicago IL 60601 ATTN A Millerick Chicago IL 60645 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* ID Number 10 Transporter's 4 3 8 5 US EPA ID Number 5. Transporter 1 Company Name ID Number Transporter's Phone 227-9988 Kangaroo Trucking 7. Transporter 2 Company Name US EPA ID Number Transporter's 8 ID Number F. Transporter's Phone (9 Designated Facility Name and Site Address 10 US EPA ID Number 0 0 G. Facility's IL 138th & Bishop Ford Fwy ID Number Calumet City IL 60409 H. Facility's Phone 12. Containers 13 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No. Туре Quantity Wt/Vo G EPA HW Number a. E Not hazardous by DOT MGP contaminated soil N 0 1 D. T T 1 1 Е EPA HW Number b B FPA HW Number C O R EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Profile BF 1146 15. Special Handling Instructions and Additional Information Load 3 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Date Printed/Typed Name Signature Month Dav Year Alison Millerick 03 02 17. Transporter 1 Acknowledgement of Receipt of Materials Date Month Day Year Printed/Typed Name Signature ANSPORTER 0 Date 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Month Day Signature 19. Discrepancy Indication Space A 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Date

Signature

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State Form

STATE OF ILLINOIS

PO BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 LPC 62 8/81

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

EASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039 Manifest Document No. Information in the shaded areas is not required by Federal law, but is required by Illinois law. 1. Generator's US EPA ID No. 2. Page 1 **UNIFORM HAZARDOUS WASTE MANIFEST** A. Illinois Manifest Document Number Location If Different Rogers Park Station 3 Generator's Name and Mailing Address Peoples Gas Light & Coke Co FEE PAID IF APPLICABLE 130 E Randolph Drive 20th Floor 6659 N Kedzie Ave B. Generator's IL Chicago IL 60645 Chicago II 60601 ATTN A Millerick ID Number | C. Transporter's US EPA ID Number 5. Transporter 1 Company Name **ID Number** D. Transporter's Pt630e 227-9988 Kangaroo Trucking 7. Transporter 2 Company Name US EPA ID Number E. Transporter's 8. ID Number F. Transporter's Phone (9 Designated Facility Name and Site Address US EPA ID Number 10. G. Facility's IL 0 3 1 0 3 9 0 0 0 138th & Bishop Ford Fwy ID Number H. Facility's Phone 7,73 646-3099 Calumet City IL 60409 12. Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Waste No. Type Quantity EPA HW Number a. Ε Not hazardous by DOT MGP contaminated soil N 0 - 01 1 Ε EPA HW Number b. R Α Т EPA HW Number O C. R EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A ALTER TO SERVE Profile BF 1146 15. Special Handling Instructions and Additional Information Load 4 16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Date Day Year Month Printed/Typed Name 03 02 Alison Millerick 17. Transporter 1 Acknowledgement of Receipt of Materials Month Day Printed/Typed Name Signature ANSPORTER 2 mars Transporter 2 Acknowledgement of Receipt of Materials Date 18. Month Day Year Printed/Typed Name Signature 19. Discrepancy Indication Space F A C Date 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Day Year Printed/Typed Name Signature 90 nation be sepmitted to the Agency Fa this information may result in a fine This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center 1004 and 1021, day of violation that this information Falsification of this

FOR SHIPMENT OF HAZARDOUS P.O. BOX 19276 SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761 AND SPECIAL WASTE LPC 62 8/81 State Form Form Approved. OMB No. 2050-0039 (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) LEASE TYPE Manifest Document No Information in the shaded areas is not required by Federal law, but is required by Illinois law. 1. Generator's US EPA ID No UNIFORM HAZARDOUS WASTE MANIFEST A. Illinois Manifest Document Number 3 Generator's Name and Mailing Address Rogers Park Station 852 FEE PAID 6659 N Kedzie Ave 130 E Randolph Drive 20th Floor Generator's IL Chicago IL 60601 ATTN A Millerick Chicago IL 60645 ID Number In 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* C. Transporter's 4 3 8 5 US EPA ID Number 5. Transporter 1 Company Name **ID** Number D. Transporter's Profile 227-9988 Kangaroo Trucking Transporter's ID Number US EPA ID Number 7. Transporter 2 Company Name 8. F. Transporter's Phone (US EPA ID Number 9 Designated Facility Name and Site Address 10. G. Facility's IL 0 3 1 0 3 9 0 0 138th & Bishop Ford Fwy Calumet City IL 60409 H. Facility's Phone (13 12 Containers 13 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No. Wt/Vo No. Type Quantity EPA HW Number G a. E Not hazardous by DOT MGP contaminated soil N 1 1 0 0 1 D E EPA HW Number b. R Δ Ŧ **EPA HW Number** С O R EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BF 1146 15. Special Handling Instructions and Additional Information Load 1 Load 2 Load 3 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. Month Day Year Signature Printed/Typed Name 9 1 0 Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materia Month Day Year Signature Printed/Typed Name ANSPORTER 02 Date 18. Transporter 2 Acknowledgement of Receipt of Materials Year Dav Month Printed/Typed Name Signature 19 Discrepancy Indication Space ACI Date 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as note: Day Month Year Signature Rrinted/Typed Name



P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

LPC 62 8/81

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Form Approved. OMB No. 2050-0039 LEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) Manifest Document No Information in the shaded areas is not required by Federal law, but is required by Illinois law. 1. Generator's US EPA ID No. 2. Page 1 UNIFORM HAZARDOUS WASTE MANIFEST Location If Different Rogers Park Station A. Illinois Manifest Document Number 3 Generator's Name and Mailing Address Peoples Gas Light & Coke Co 3 FEE PAID IF APPLICABLE 130 E Randolph Drive 20th Floor 6659 N Kedzie Ave B. Generator's II. ID Number Chicago IL 60645 Chicago IL 60601 ATTN A Millerick L. *24 HOUR EMERGENCY AND SPILL ASSISTANCE Transporter's US EPA ID Number 5. Transporter 1 Company Name ID Number D. Transporter's Phode 227-998 Kangaroo Trucking E. Transporter's US EPA ID Number 8 7. Transporter 2 Company Name **ID Number** F. Transporter's Phone (9 Designated Facility Name and Site Address CID kIP 110 5011 Facility 10. US EPA ID Number G. Facility's IL 0 0 0 0 138th & Bishop Ford Fwy ID Number | H. Facility's Phone 7/73 646-3099 Calumet City IL 60409 12. Containers 11 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total 1 Init Waste No. No. Quantity Type Wt/Vol FPA HW Number G a. Ε Not hazardous by DOT MGP contaminated soil N 1 1 0.0D Ε EPA HW Number b. R À 7 EPA HW Number 0 С R **FPA HW Number** d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile RF 1146 15. Special Handling Instructions and Additional Information Load 4 Load 3 Load 1 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Date Day Year Printed/Typed Name Signature 0 2 20 Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials Day Year Month Signature Printed/Typed Name ANSPORTER Date 18. Transporter 2 Acknowledgement of Receipt of Materials Day Year Month Signature Printed/Typed Name 19. Discrepancy Indication Space Date 20. Facility Owner or Operator: Certification of receipt, of hazardous materials covered by this manifest except as noted in item 19. Month Day Year Printed/Typed Name Signature This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2 Section 1004 and 1021, that this information be submitted to the Agency Failure this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation Falsification of this information may result in a fine up per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center

ENVINONMENTAL PROTECTION AGENCE DISTORT OF MAIN COLUMN

P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

IL532-0610

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

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ŗ	per day of violation and imprisonment up to 5 years. This form has	been approved by the F	orms wanagement Center							

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P.O. BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276 (217) 782-6761

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

State Form LPC 62 8/81 Form Approved. OMB No. 2050-0039 PLEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) EPA Form 8700-22 (Rev. 6-89) 1. Generator's US EPA ID No 2. Page 1 Information in the shaded areas is not required by Federal law, but is required by **UNIFORM HAZARDOUS** Document No. WASTE MANIFEST 3 Generator's Name and Mailing Address Peoples Gas Light & Coke Co A. Illinois Manifest Document Number Location If Different Rogers Park Station 855 FEE PAID 130 E Randolph Drive 20th Floor 6659 N Kedzie Ave B. Generator's IL Chicago II 60601 ATTN A Millerick - *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* ID Number In C. Transporter's 5. Transporter 1 Company Name US EPA ID Number D. Transporter's Phone 227-9988 Kangaroo Trucking 7. Transporter 2 Company Name US EPA ID Number Transporter's 8 ID Number F. Transporter's Phone (9 Designated Facility Name and Site Address 10. US EPA ID Number G. Facility's IL 0 3 1 0 3 9 0 0 0 1 138th & Bishop Ford Fwy ID Number | H. Facility's Phone 7,73 646-3099 Calumet City IL 60409 12. Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No. No. Туре Quantity G EPA HW Number a. Ε Not hazardous by DOT MGP contaminated soil N E EPA HW Number R T EPA HW Number 0 EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile RF 1146 15. Special Handling Instructions and Additional Information Load 4 Load 3 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Date Day Printed/Typed Name 20 D Alison Millerick 17. Transporter 1 Acknowledgement of Receipt of Materials TRANSPORTER Day Year Printed/Typed Name Signaty 18. Transporter 2 Acknowledgement of Receipt of Materials Day Month Year Printed/Typed Name Signature 19. Discrepancy Indication Space ACI Date 20. Facility Owner or Operator: Cartification of receipt of hazardous materials covered by this manifest except as noted in item 19. Month Day Year Printed/Typed Name Signature that this information be submitted to the Agency Failure to provide Falsification of this information may result in a fine up to \$50,000 This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Section 1004 a this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

1004 and 1021

FOR SHIPMENT OF HAZARDOUS AND SPECIAL WASTE

LPC 62 8/81

11 532-0610

EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039 LEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) Manifest Document No Information in the shaded areas is not 2 Page 1 1 Generator's US EPA ID No UNIFORM HAZARDOUS required by Federal law, but is required by Illinois law. WASTE MANIFEST A. Illinois Manifest Document Number Rogers Park Staterent 856 FEE PAID 3 Generator's Name and Mailing Address 6659 N Kedzie Ave 130 E Randolph Drive 20th Floor Generator's IL Chicago IL 60601 ATTN A Millerick Chicago II 4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* Chicago IL 60645 ID Number_10 Transporter's 4 3 8 5 US EPA ID Number 6 5 Transporter 1 Company Name ID Number D. Transporter's Profile 227-9988 Kangaroo Trucking US EPA ID Number Transporter's 7. Transporter 2 Company Name 8 **ID Number** F. Transporter's Phone (US EPA ID Number 9 Pesignated Facility Name and Site Address 10 G. Facility's IL 138th & Bishop Ford Pwy ID Number Calumet City IL 60409 H. Facility's Phone 12. Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Total Unit Waste No. Type Quantity Wt/Vo EPA HW Number G а. Ε Not hazardous by DOT MGP contaminated soil 1 1 N R P 0 0 1 D. T Ε EPA HW Number b. Ŕ Α т EPA HW Number 0 R EPA HW Number d. K Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile EF 1146 15. Special Handling Instructions and Additional Information Load 4 Load 3 / 5 Load 1 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford Month Day Year Signature Printed/Typed Name Alison Millerick Date 17. Transporter 1 Acknowledgement of Receipt of Materials Month Day Year Signature Printed/Typed Name Date 18. Transporter 2 Acknowledgement of Receipt of Materials ORTER Month Day Year Signature Printed/Typed Name 19. Discrepancy Indication Space A C I Date 20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest Month Day Year Signature Printed/Typed Name 93210 This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2 Section 1004 and 1021, that this information be submitted to the Agency this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation Falsification of this information may result in a per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center Failure to provide

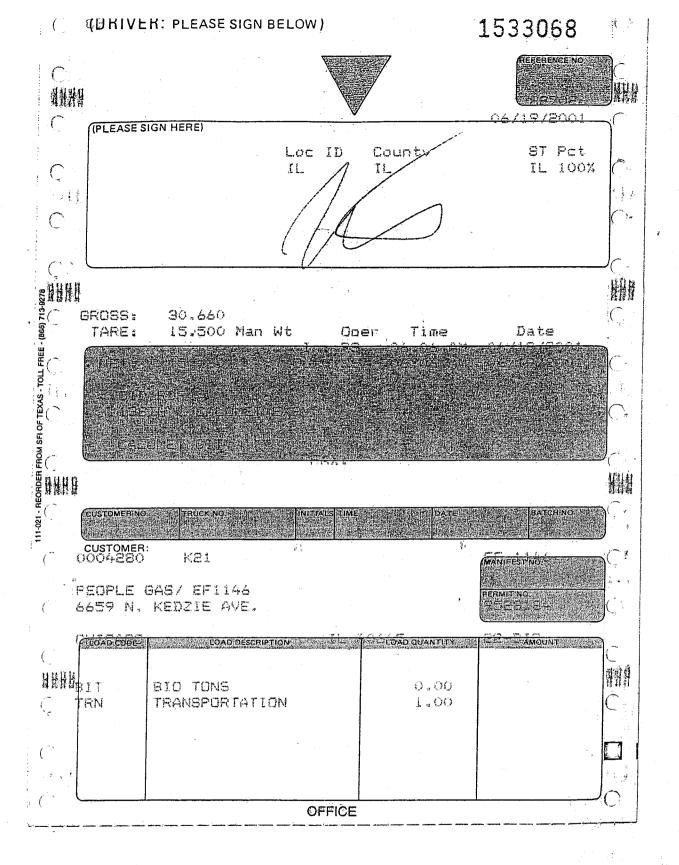
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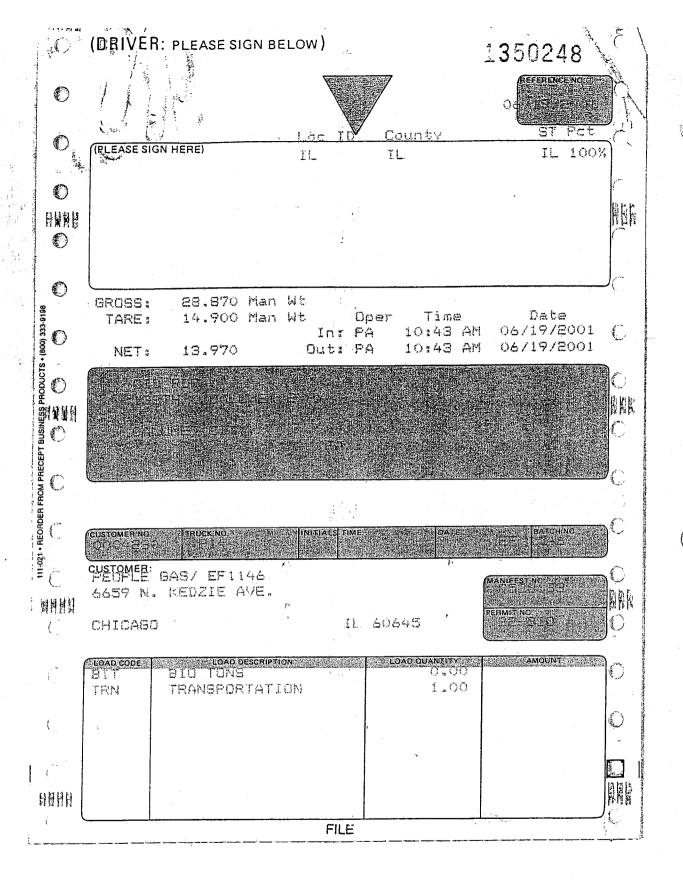
EPA Form 8700-22 (Rev. 6-89) Form Approved. OMB No. 2050-0039 LEASE TYPE (Form designed for use on elite (12-pitch) typewriter.) Manifest Information in the shaded areas is not required by Federal law, but is required by 1. Generator's US EPA ID No. 2. Page 1 UNIFORM HAZARDOUS Document No WASTE MANIFEST A Illinois Manifest Document Number Location If Different Rogers Park Station 3 Generator's Name and Mailing Address Peoples Cas Light & Coke Co FEE PAID IF APPLICABLE 6659 N Kedzie Ave 130 E Randolph Drive 20th Floor Generator's IL ID Number Chicago IL 60601 ATTN A M. . *24 HOUR EMERGENCY AND k SSISTANCE NUMBERS* Transporter's 6 US EPA ID Number 5. Transporter 1 Company Name ID Number Transporter's Pt6010e 227-9988 Kangaroo Trucking US EPA ID Number E. Transporter's 7. Transporter 2 Company Name 8 ID Number F. Transporter's Phone (9 Designated Facility Name and Site Address US EPA ID Number 10 G. Facility's IL 0 3 ID Number | | 3 9 0 0 0 138th & Bishop Ford Fwy H. Facility's Phone 7,73 646-3099 Calumet City IL 60409 12. Containers 13 11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) Unit Total Waste No No. Type Quantity Wt/Vo EPA HW Number G a. E Not hazardous by DOT MGP contaminated soil N F 1 1 0 - 0 - 1 E EPA HW Number b. R Α т EPA HW Number C o R EPA HW Number d. K. Handling Codes for Wastes Listed Above In Item #14 J. Additional Description for Materials Listed Above Class A Profile BF 1146 A. L. L. S. 等级多数。 15. Special Handling Instructions and Additional Information Load 4 Load 3___ Load 2 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; **OR**, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

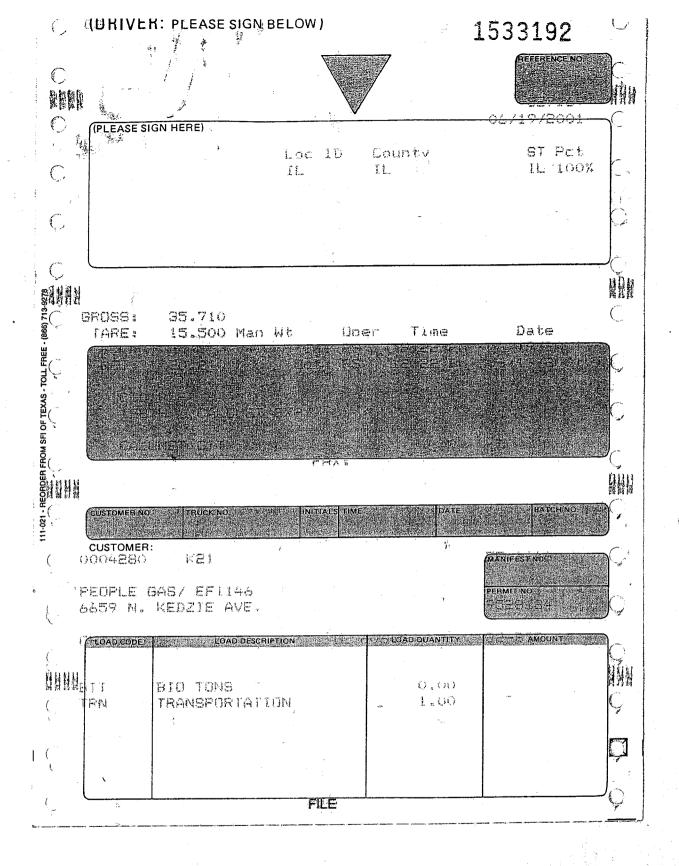
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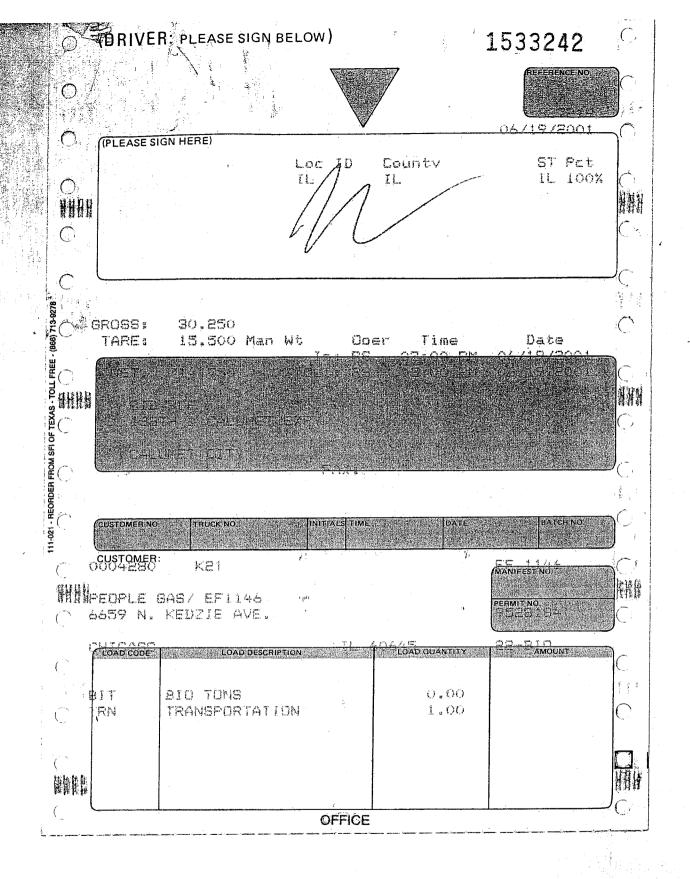
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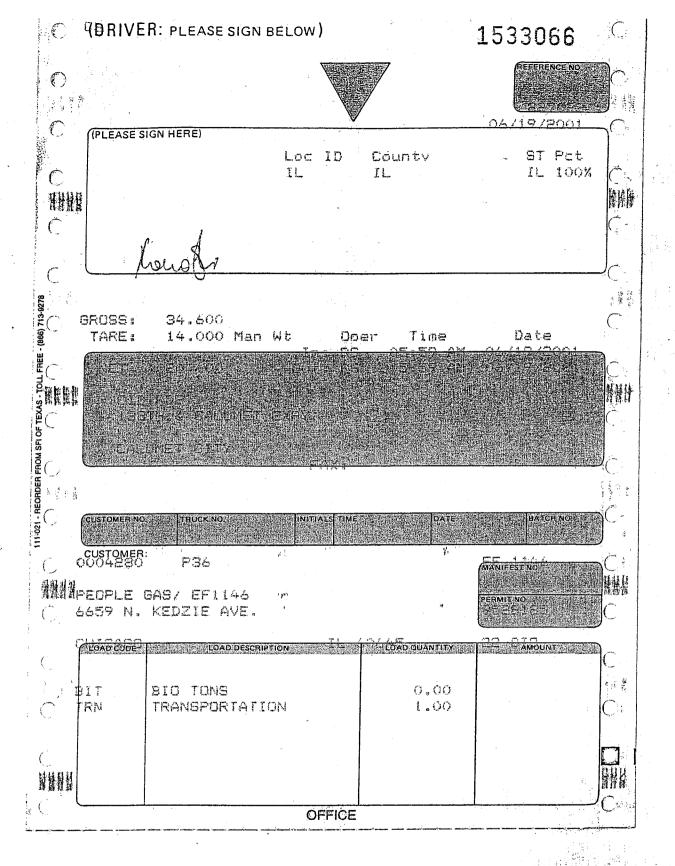
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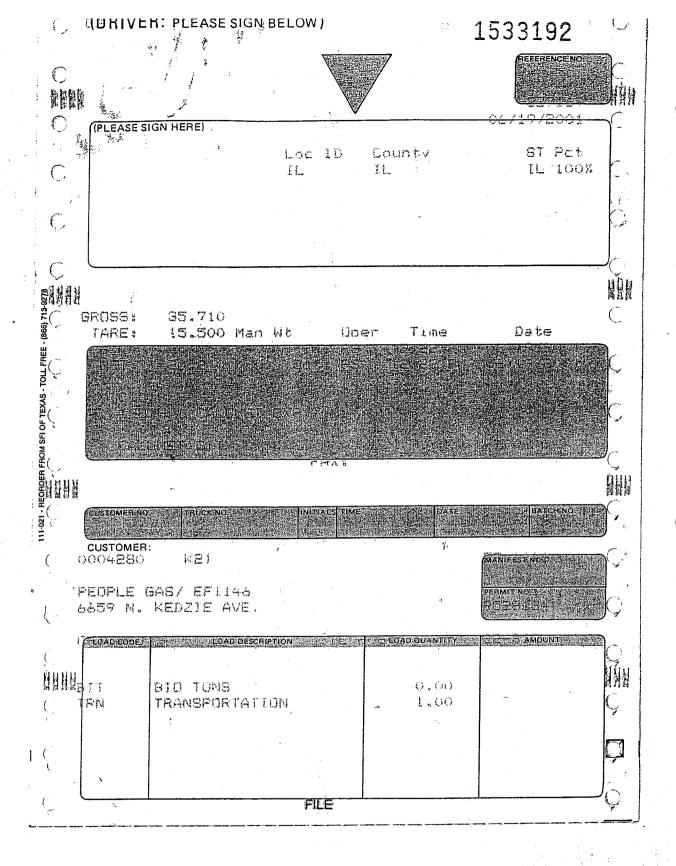


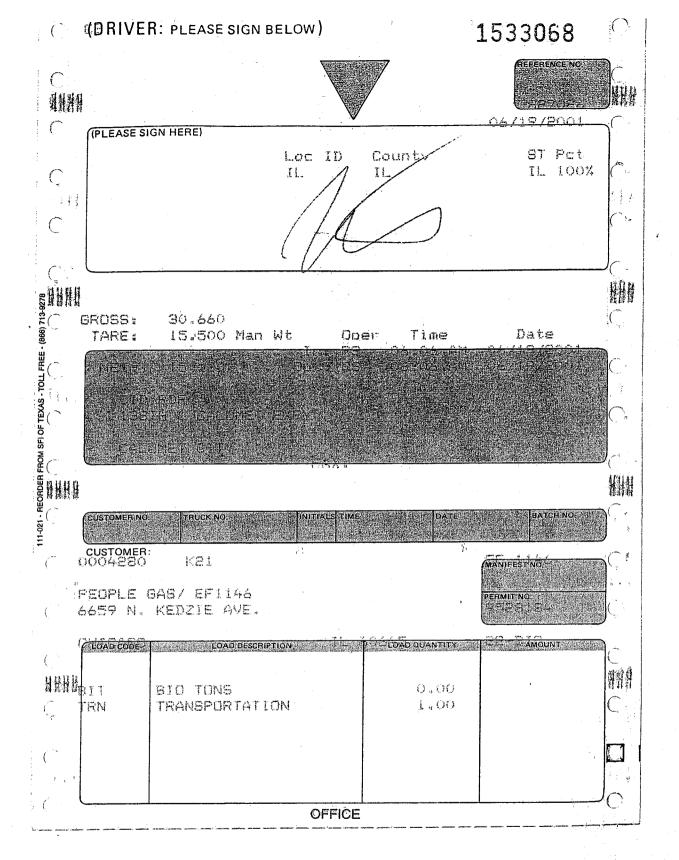


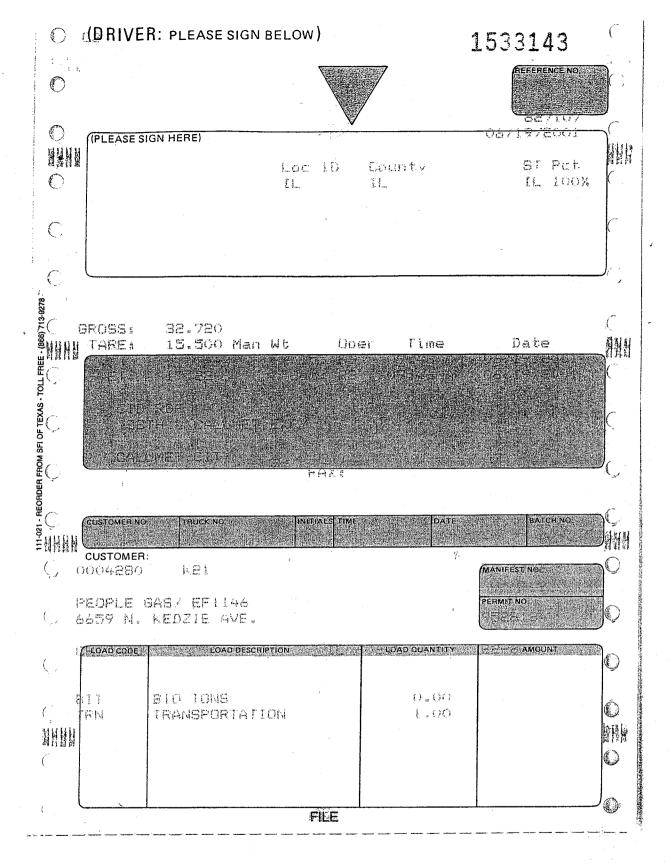


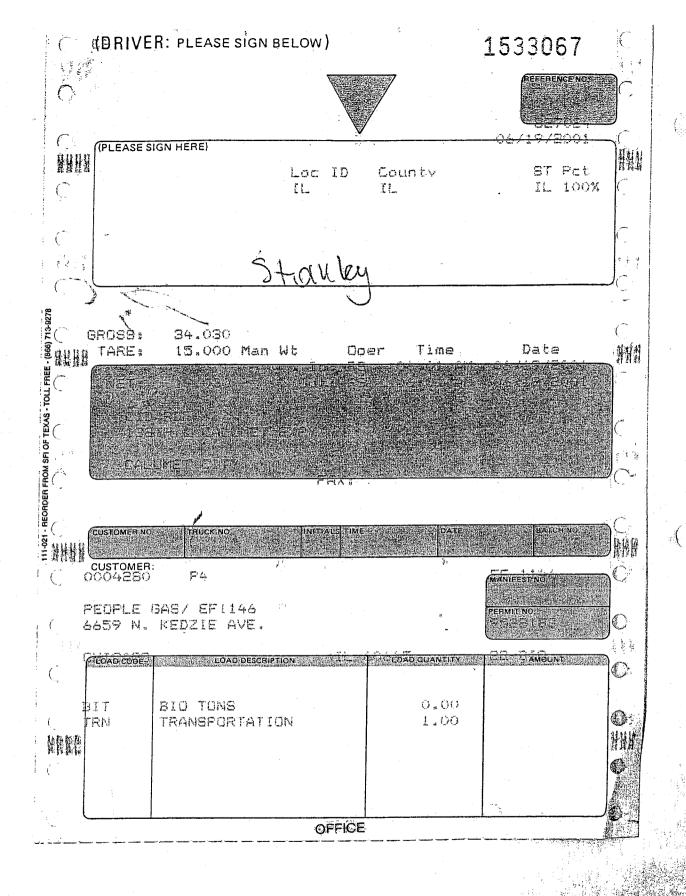


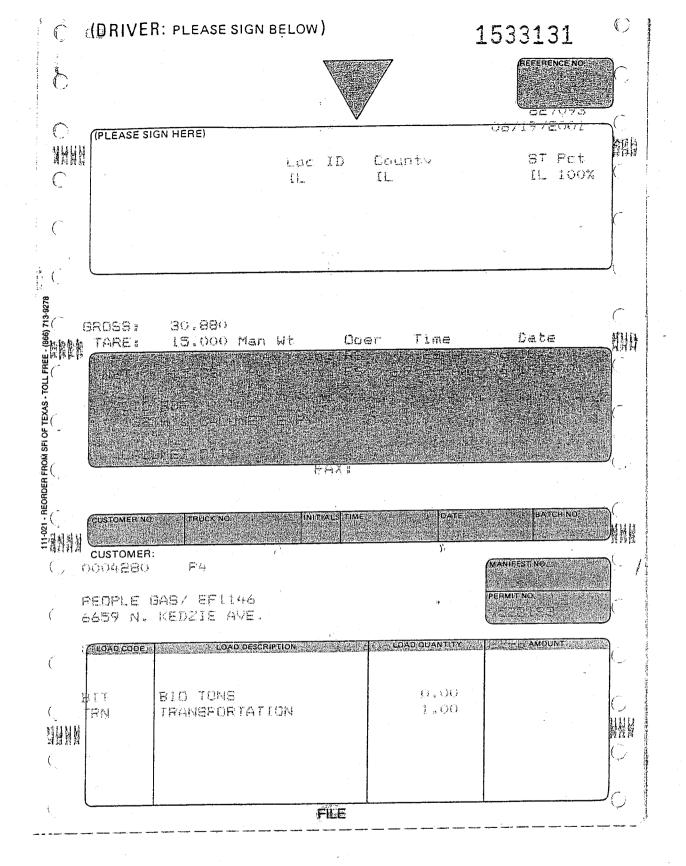


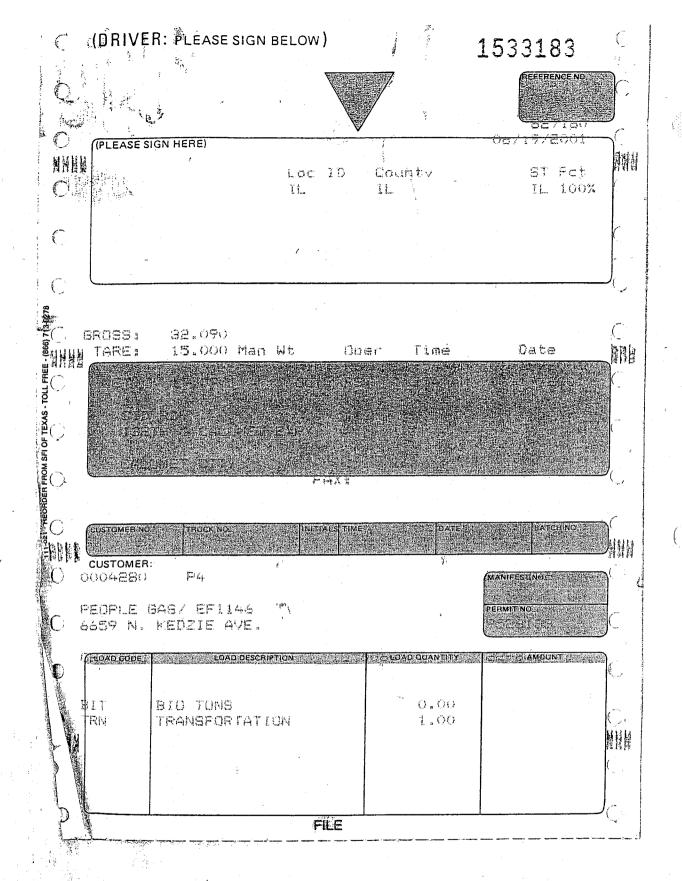


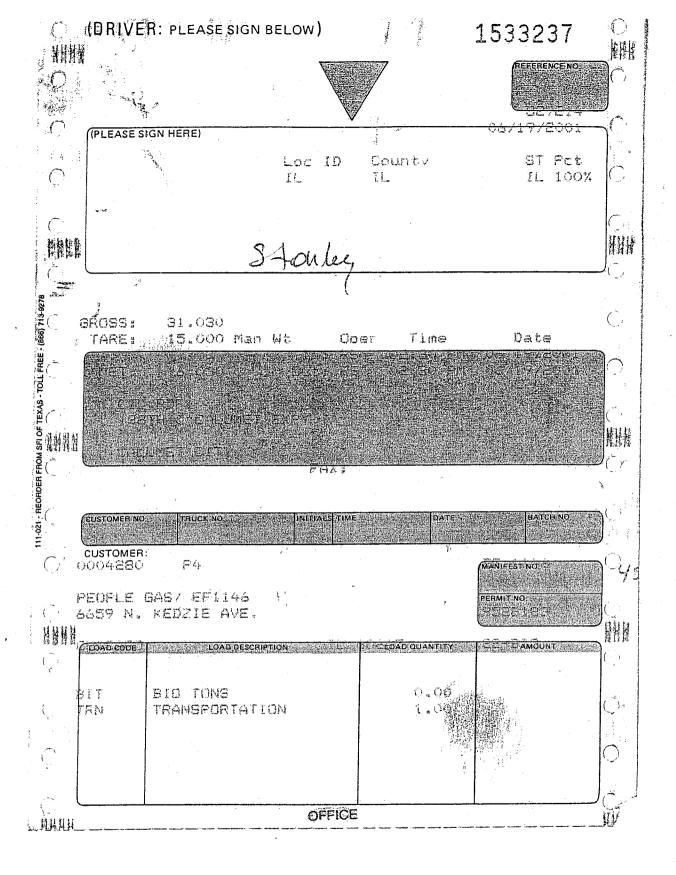


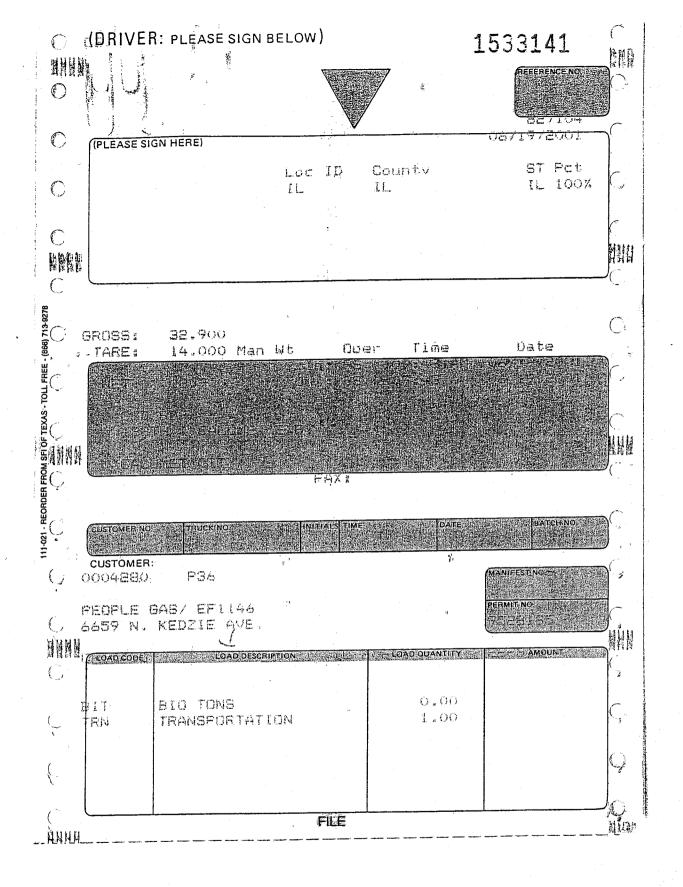


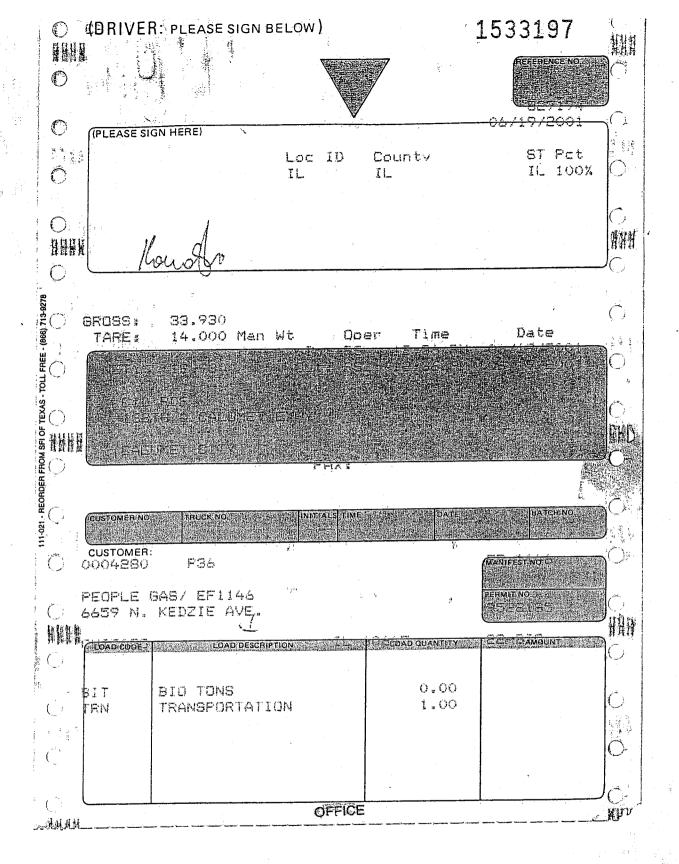


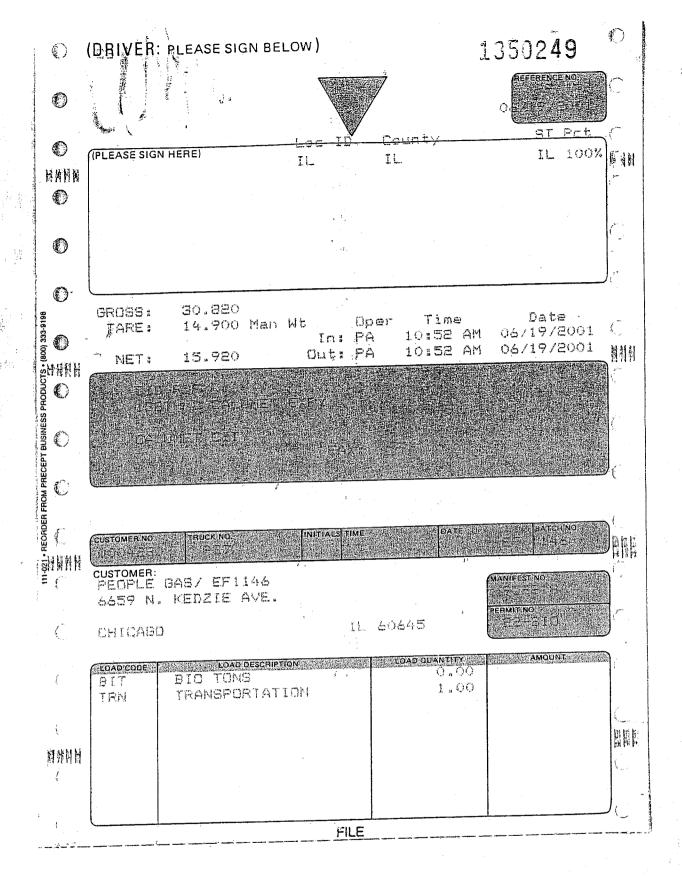


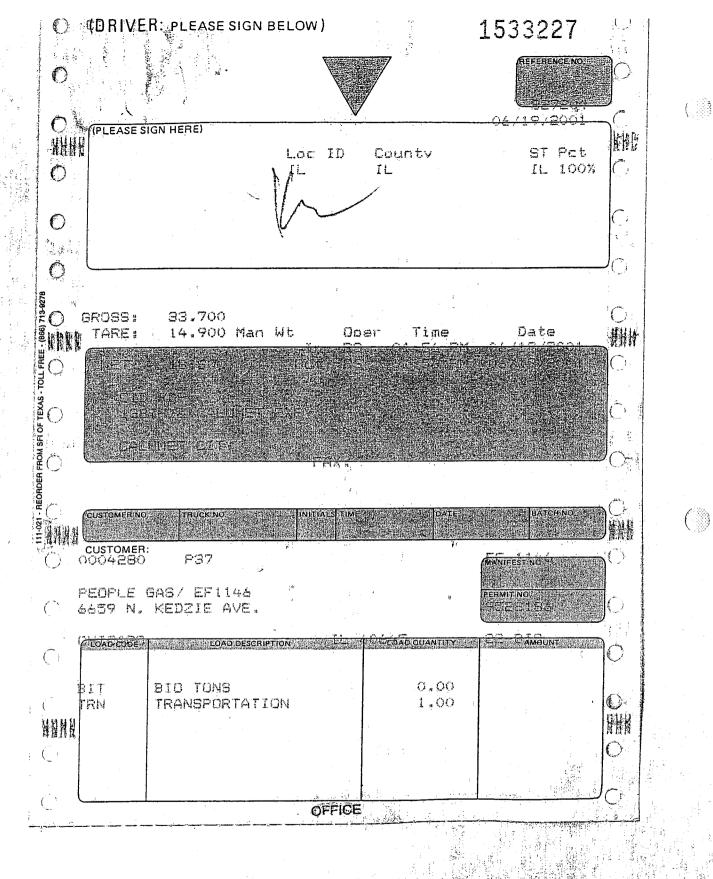


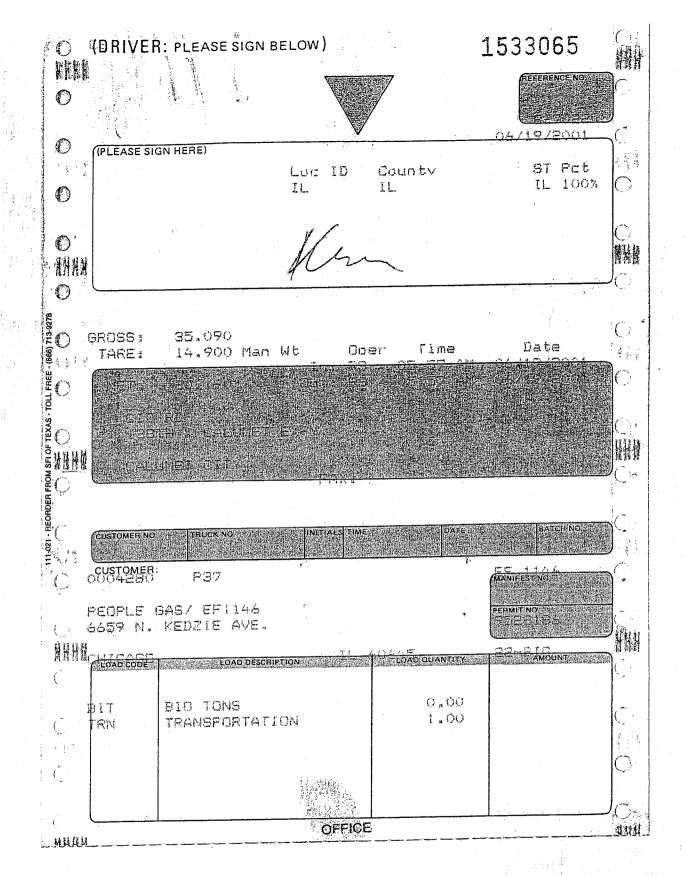


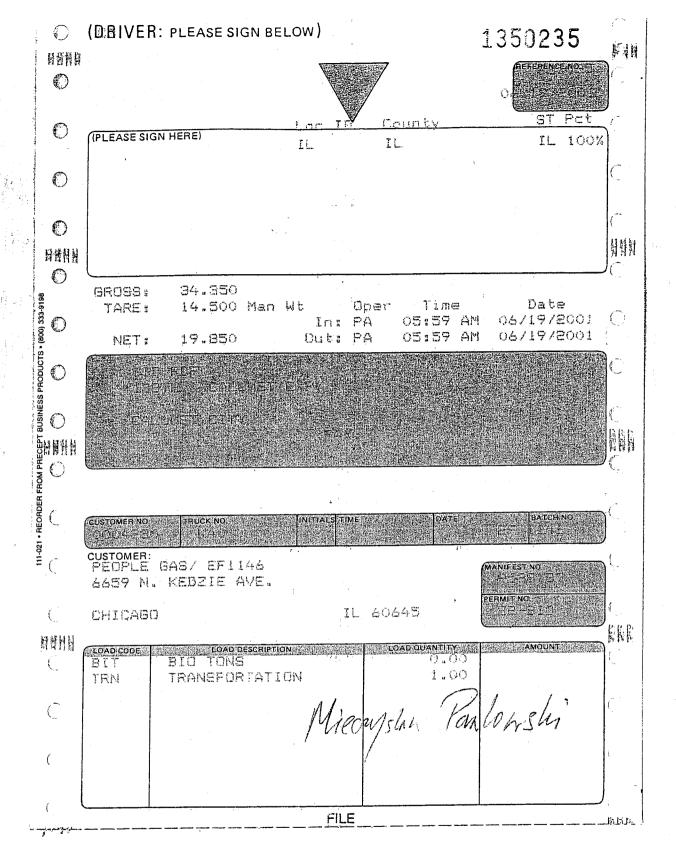


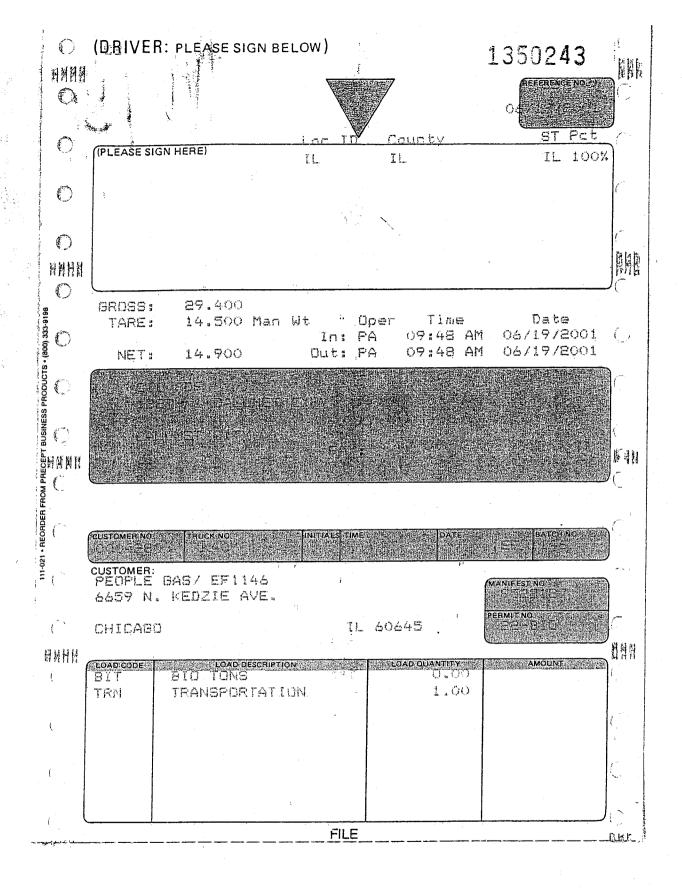


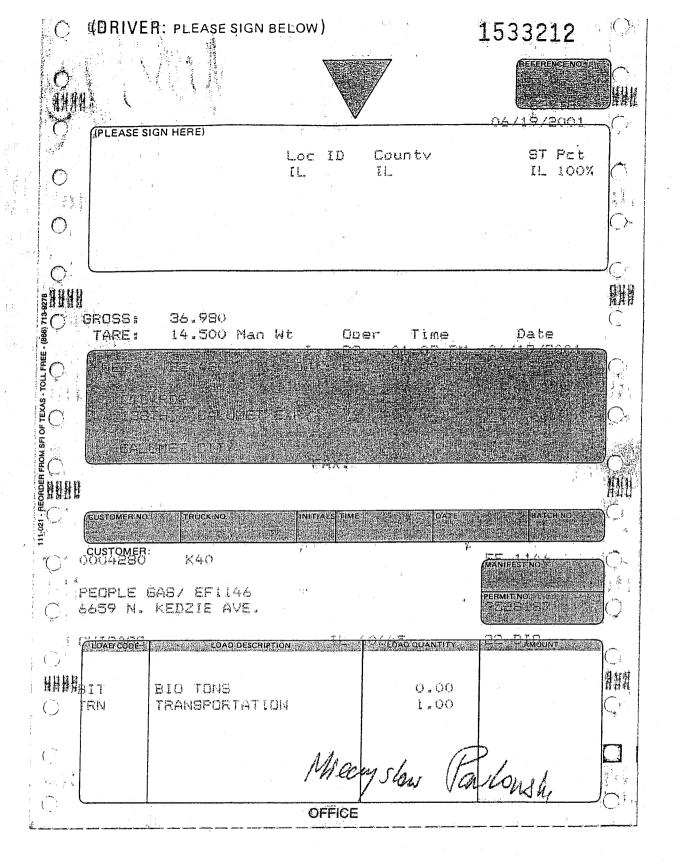


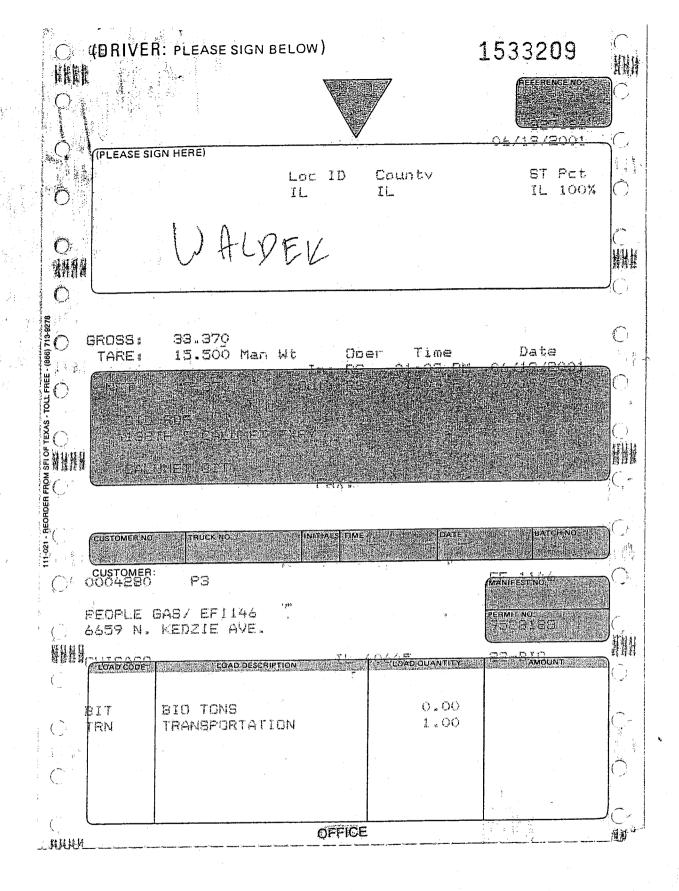


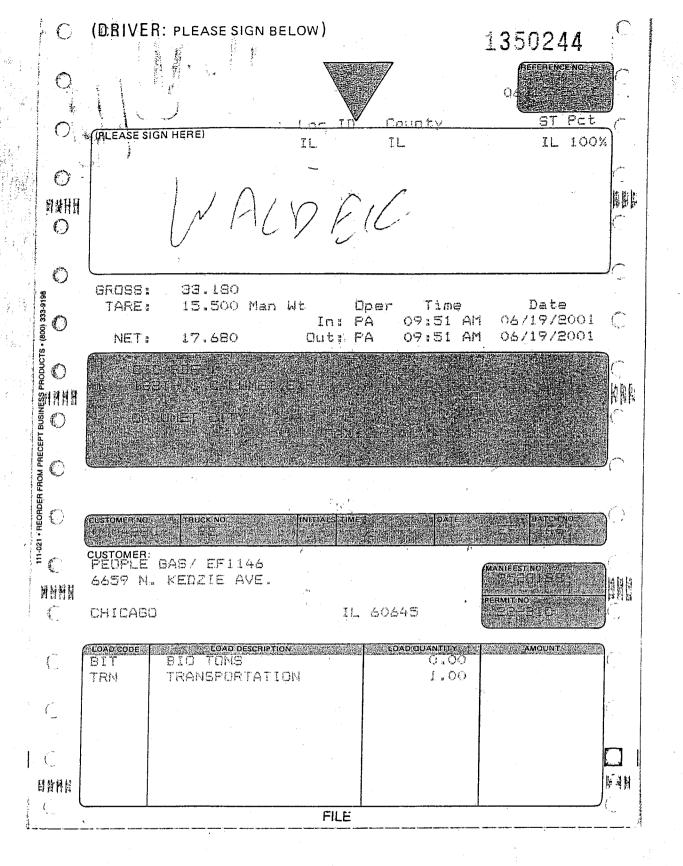


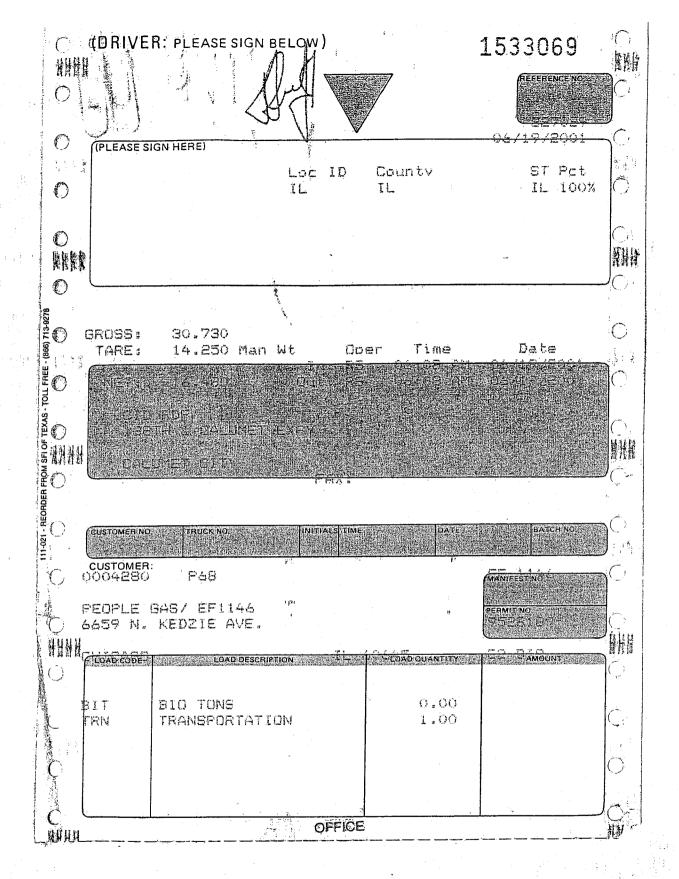


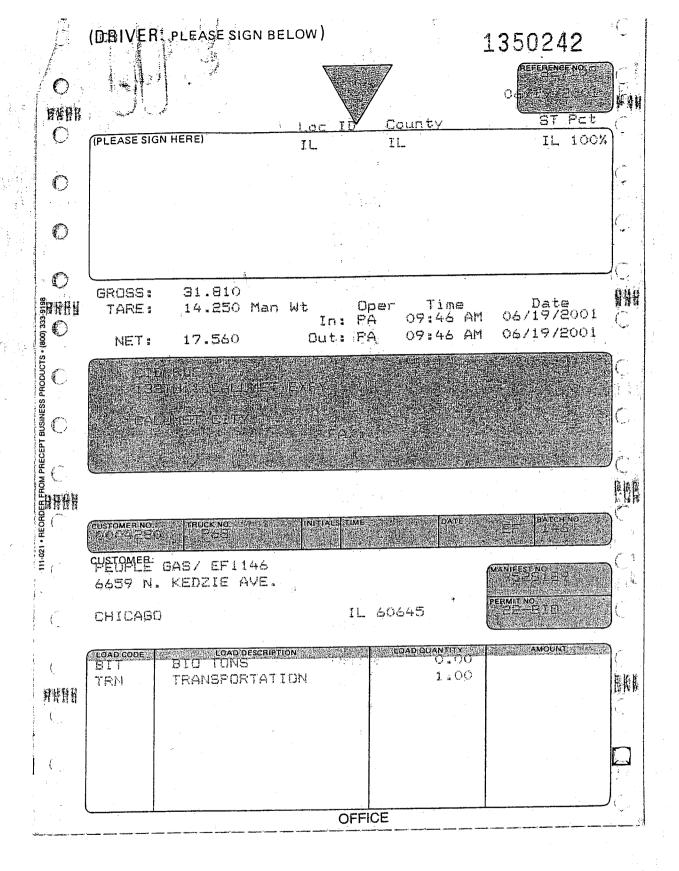


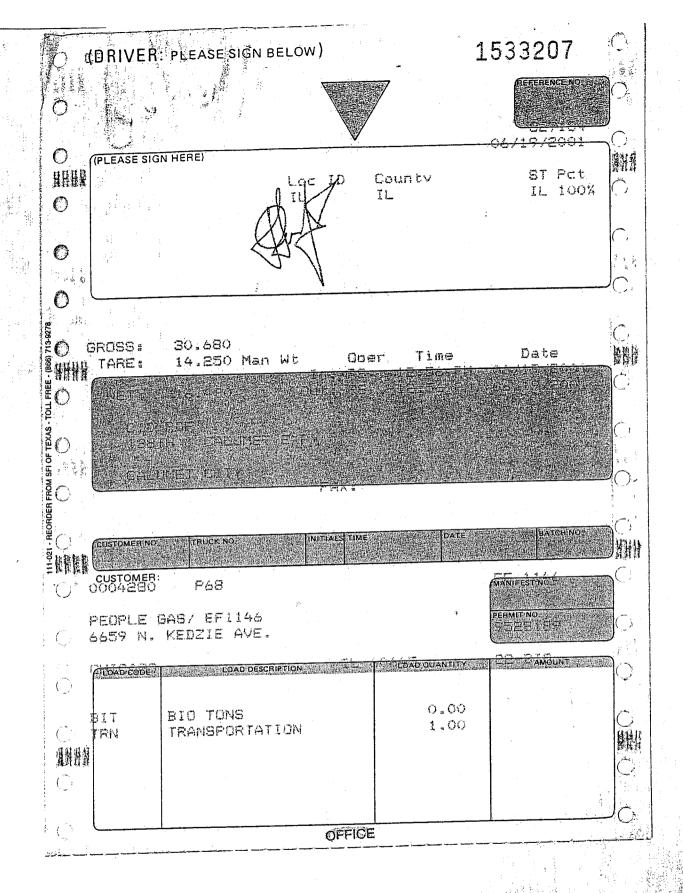


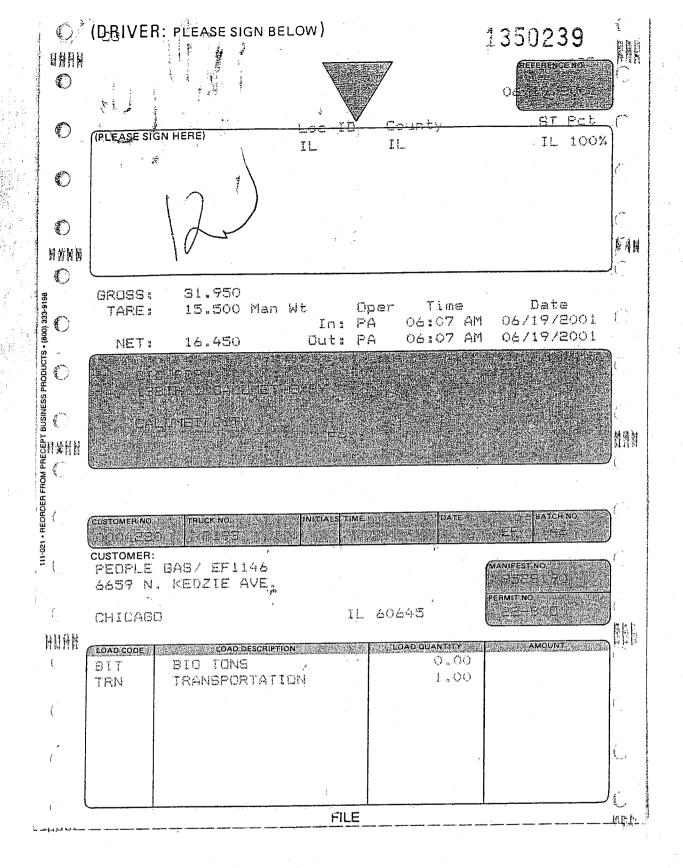


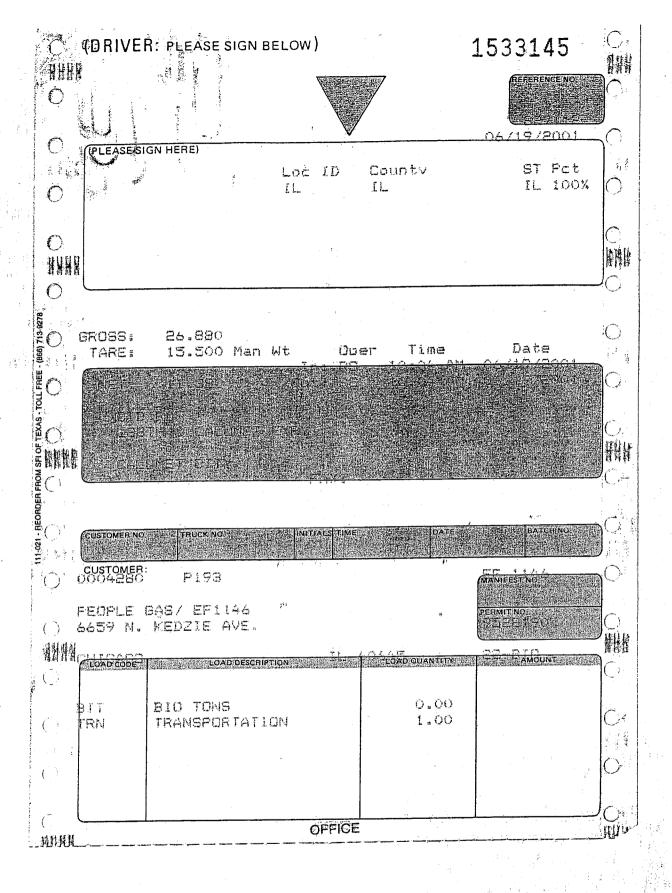


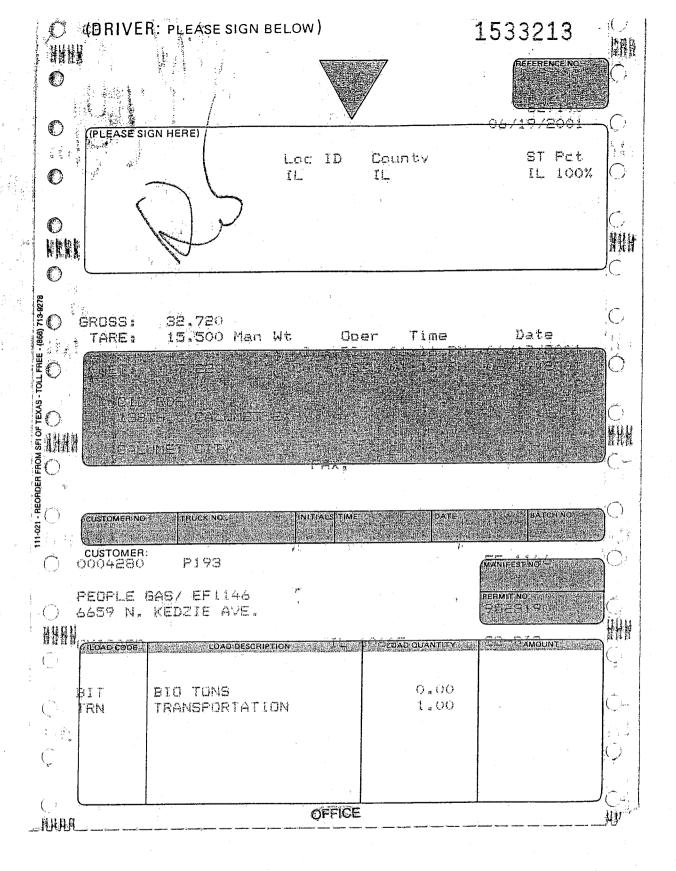


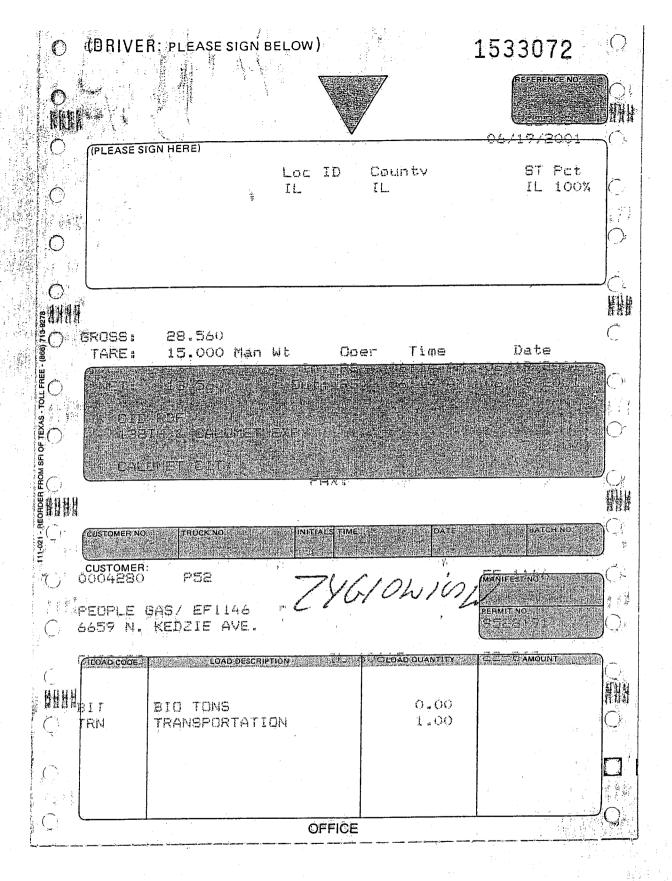


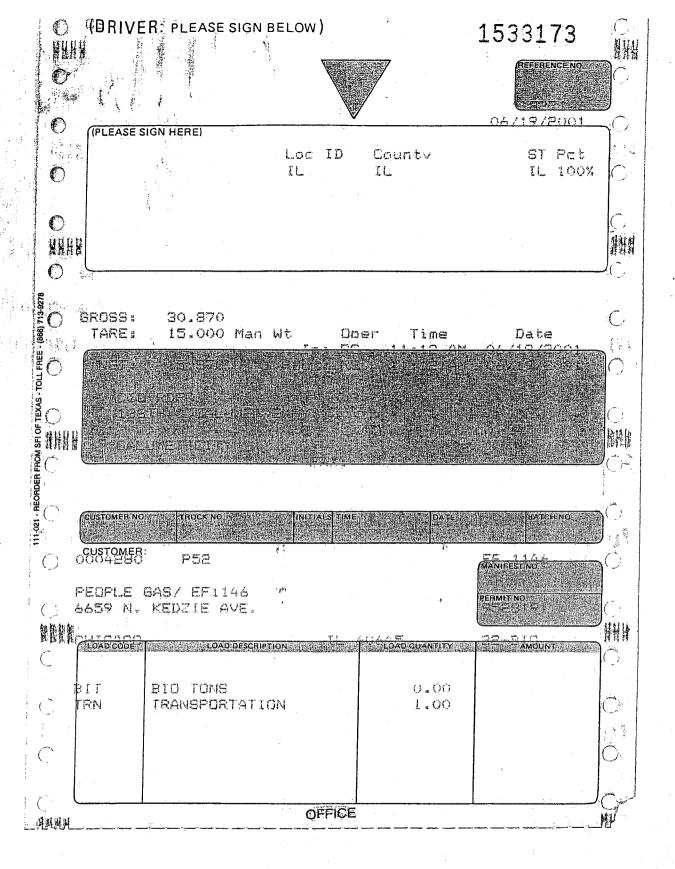


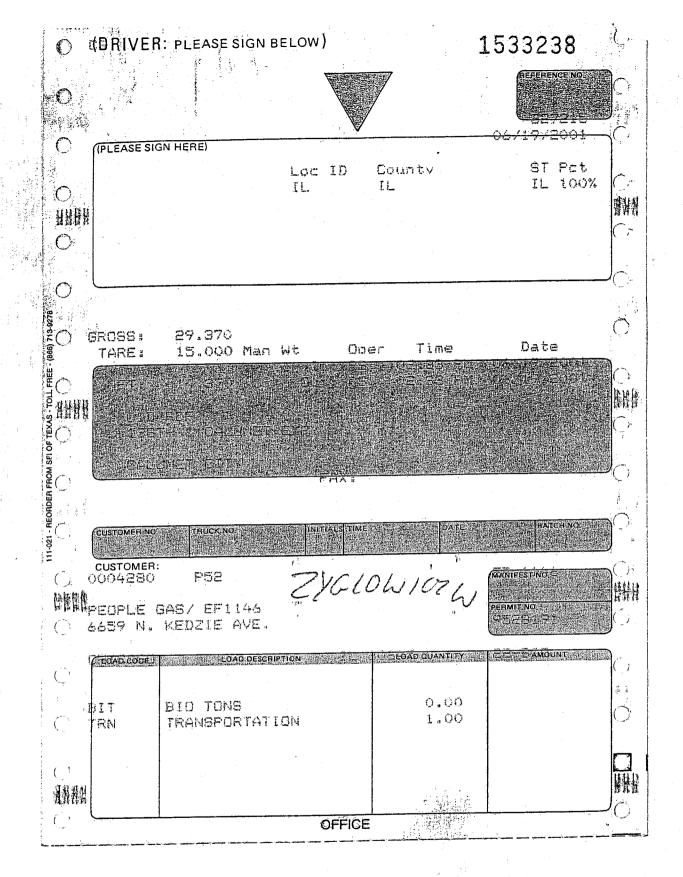


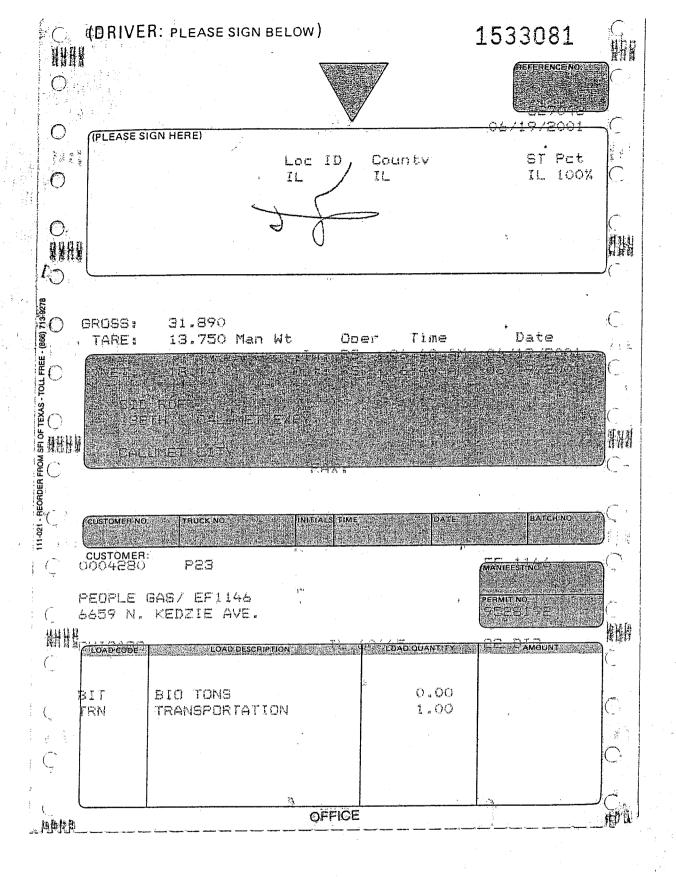


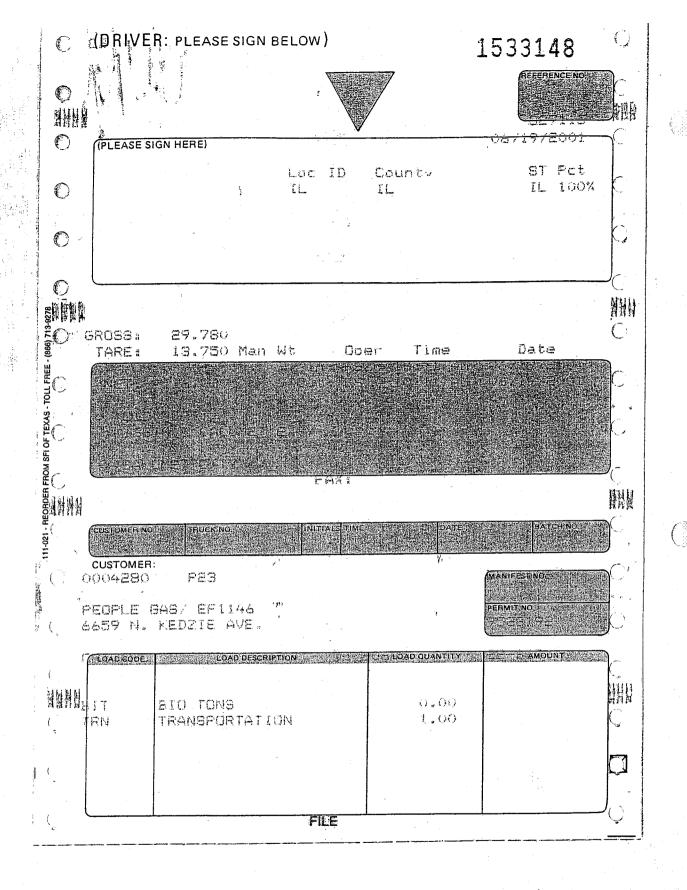


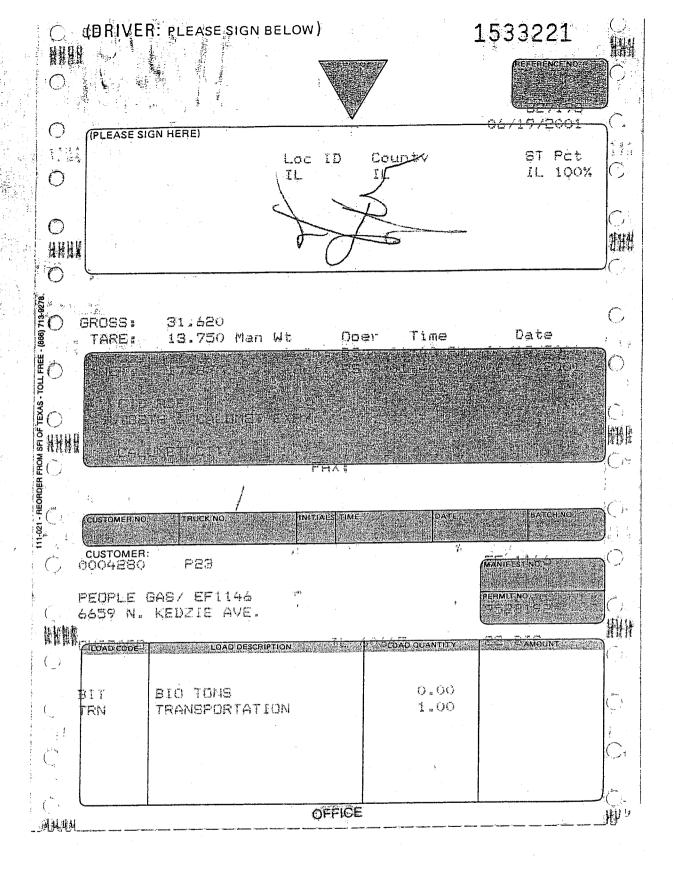


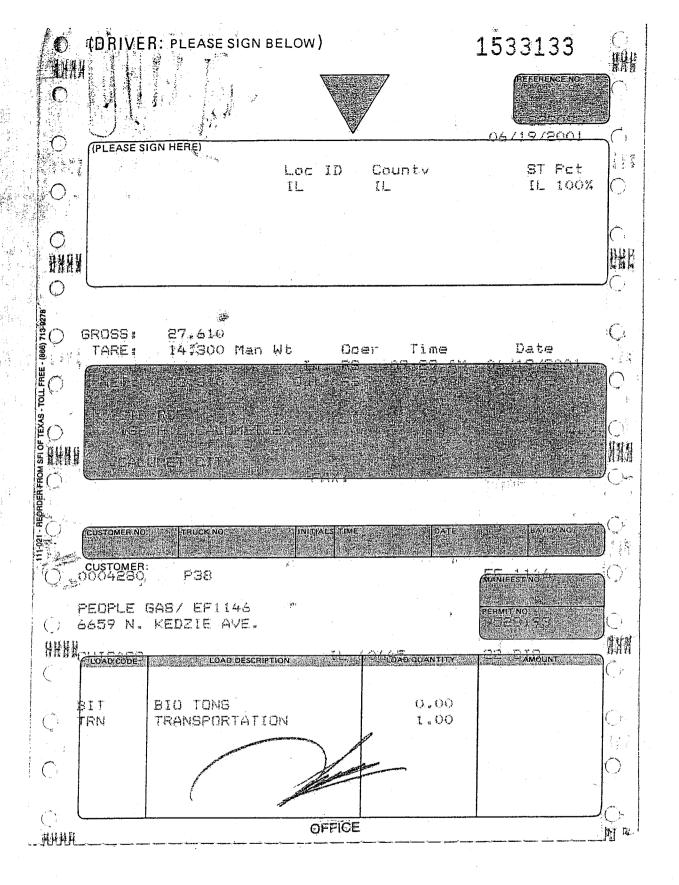


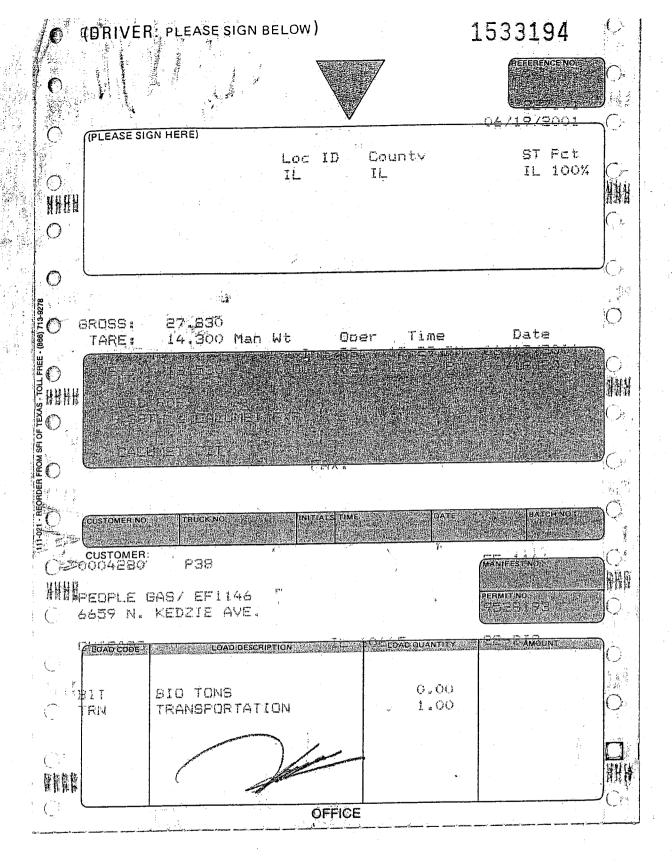


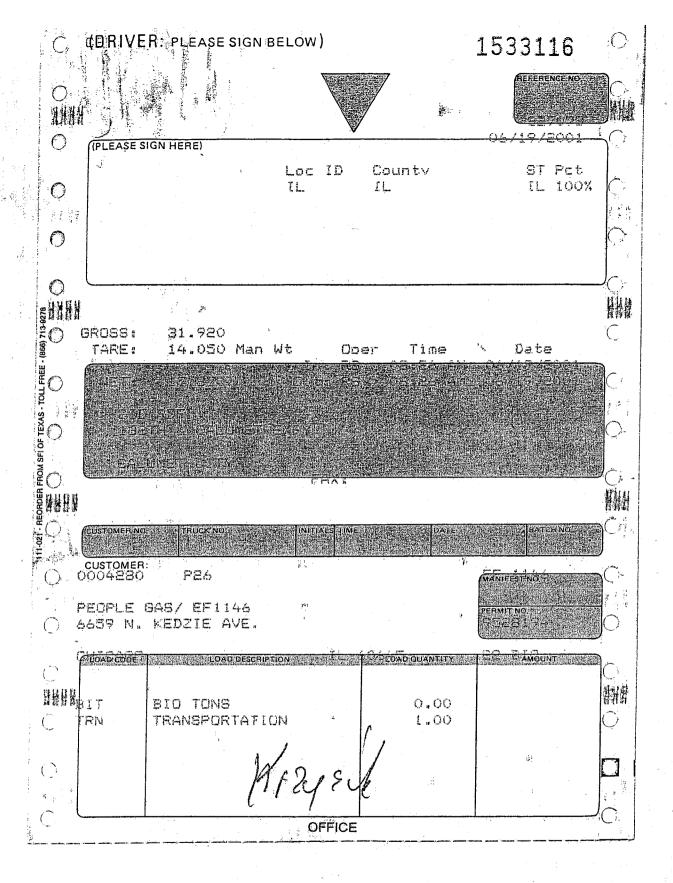


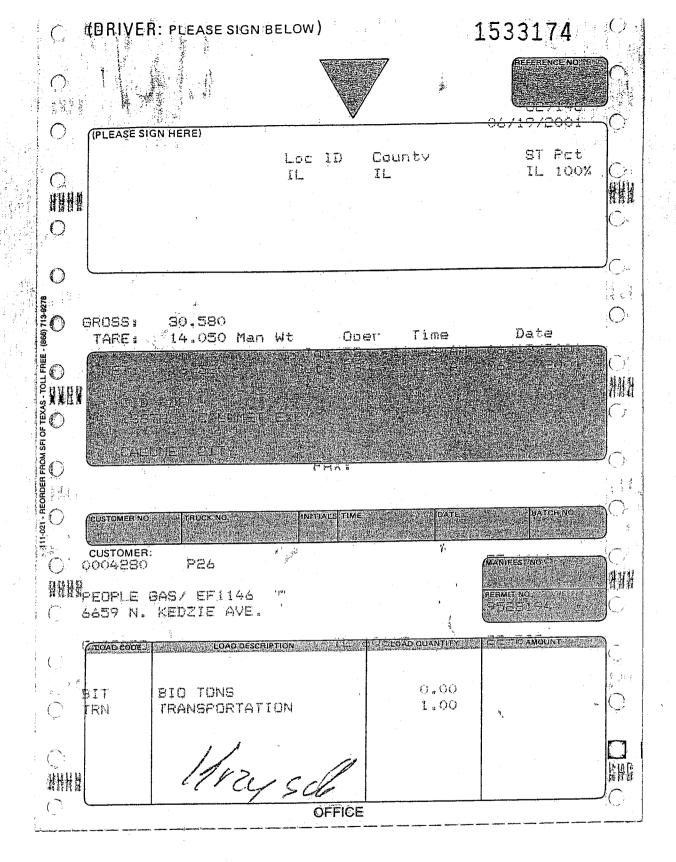


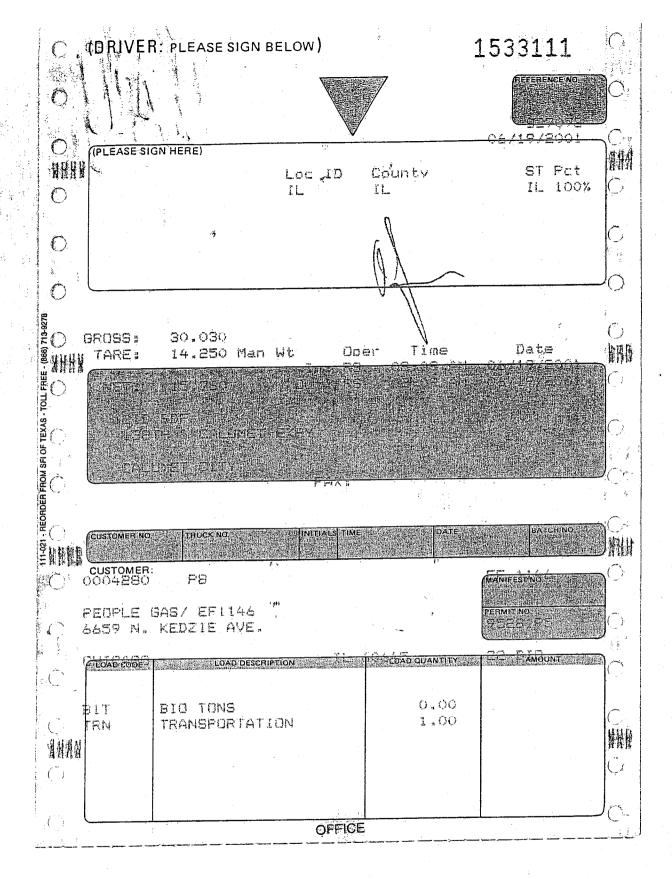


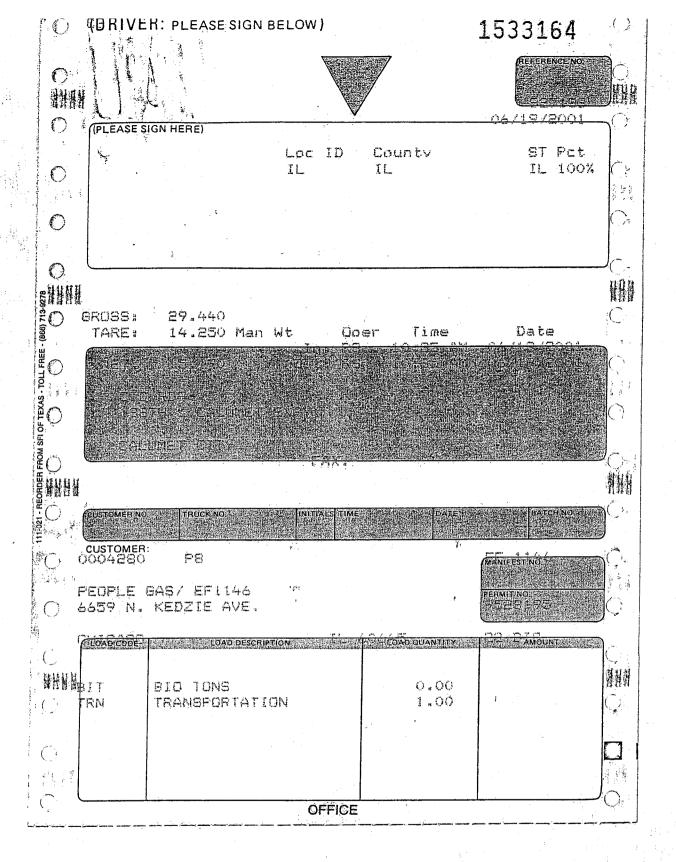


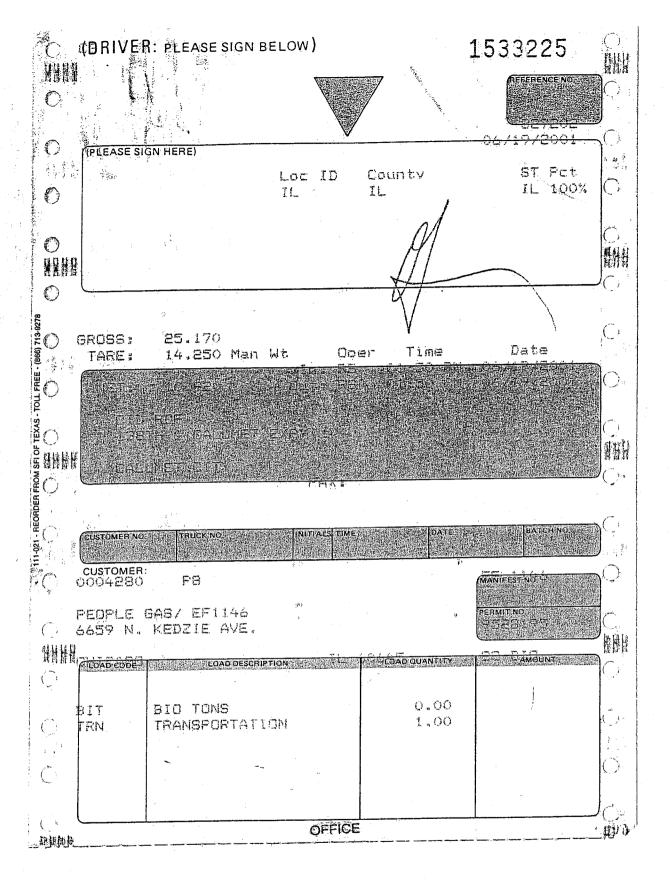


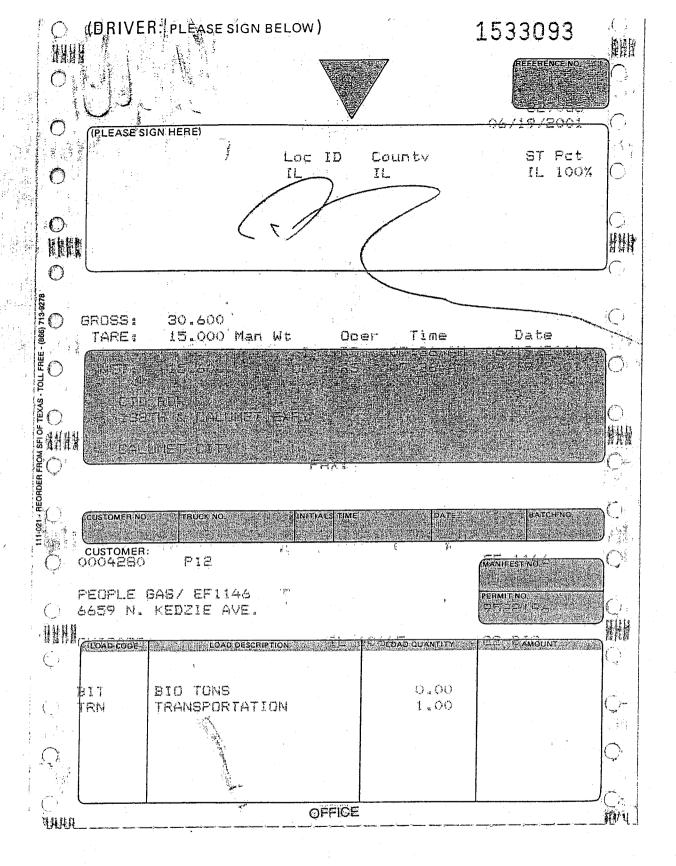


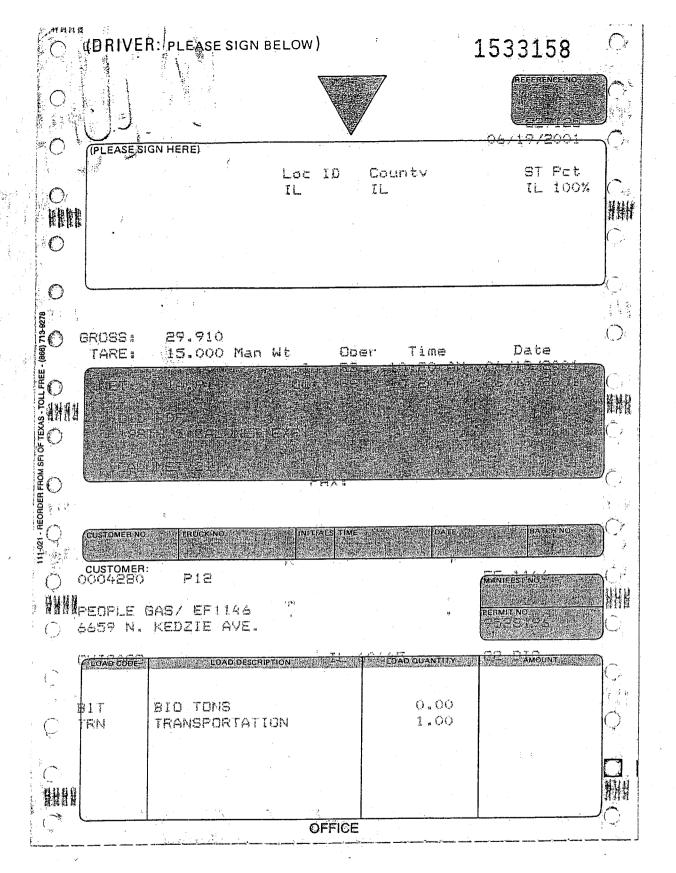


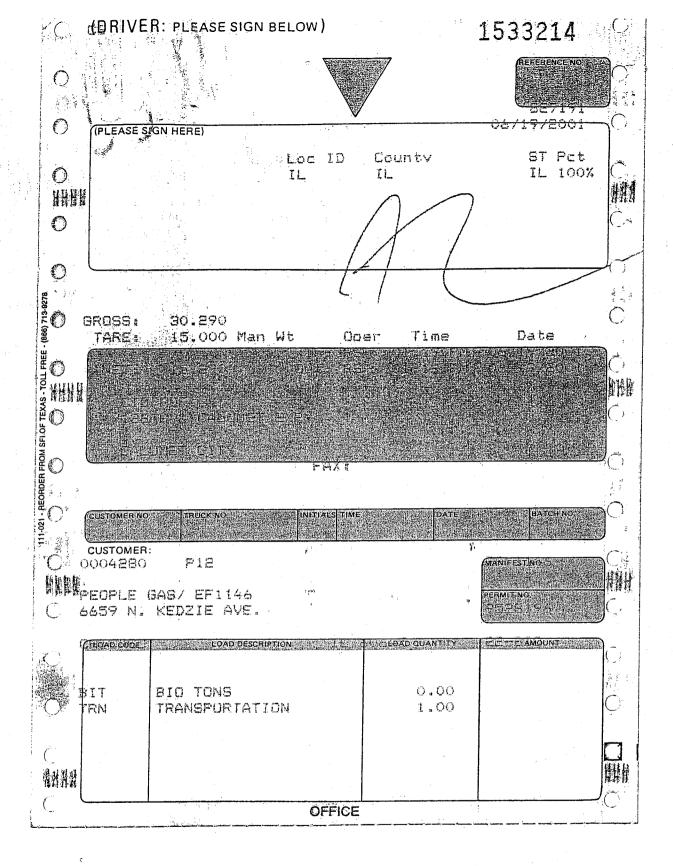


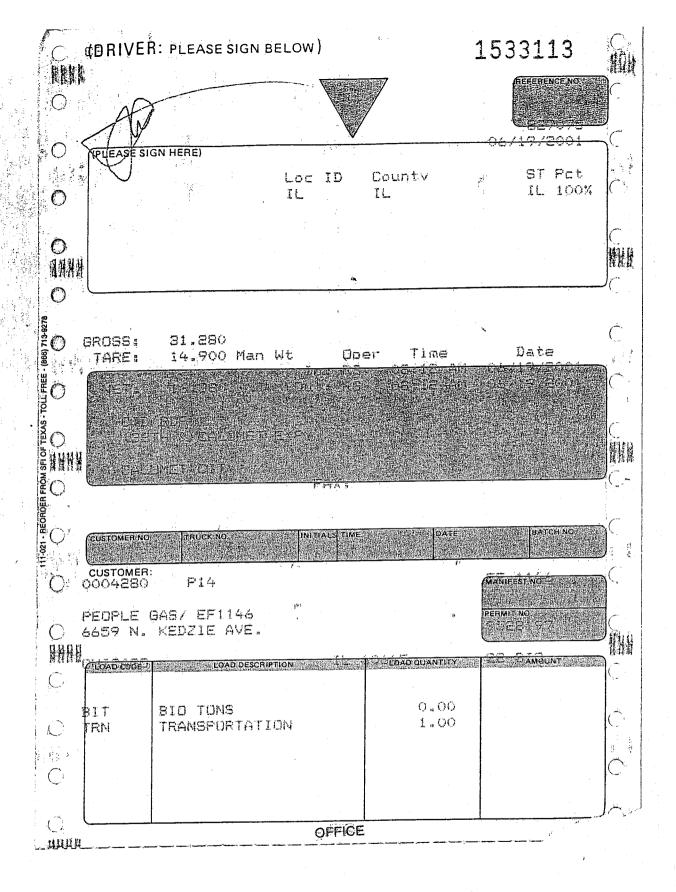


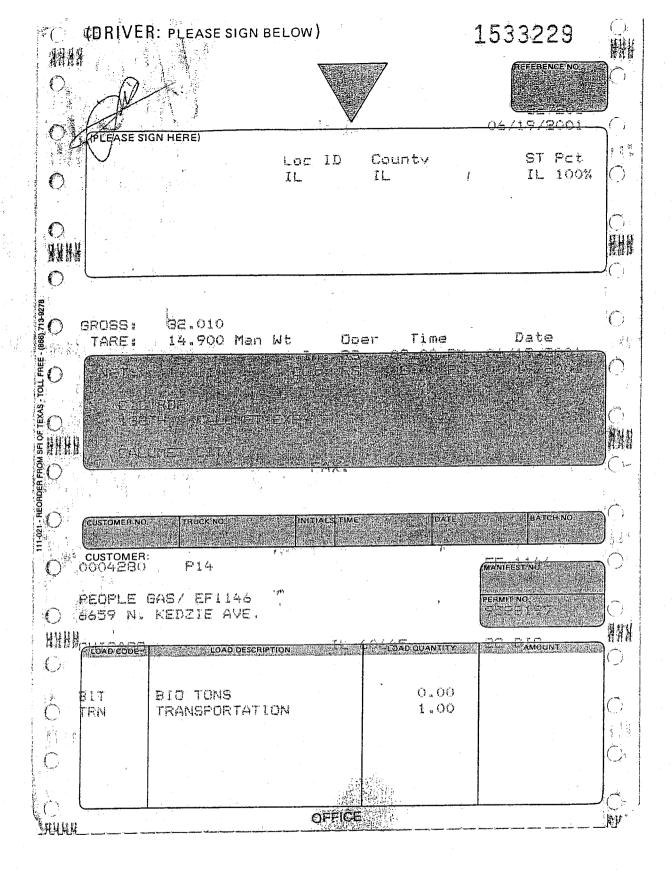


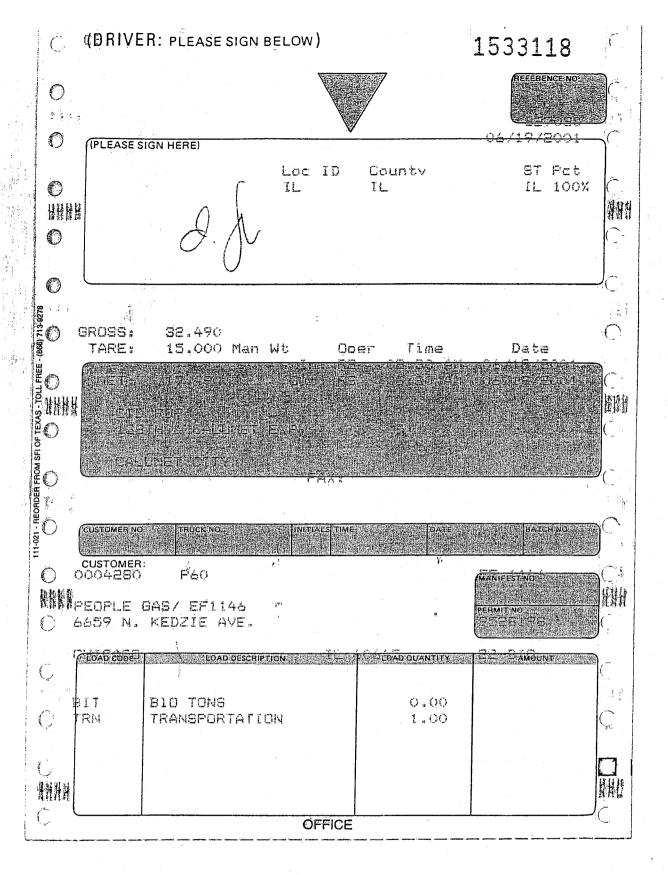


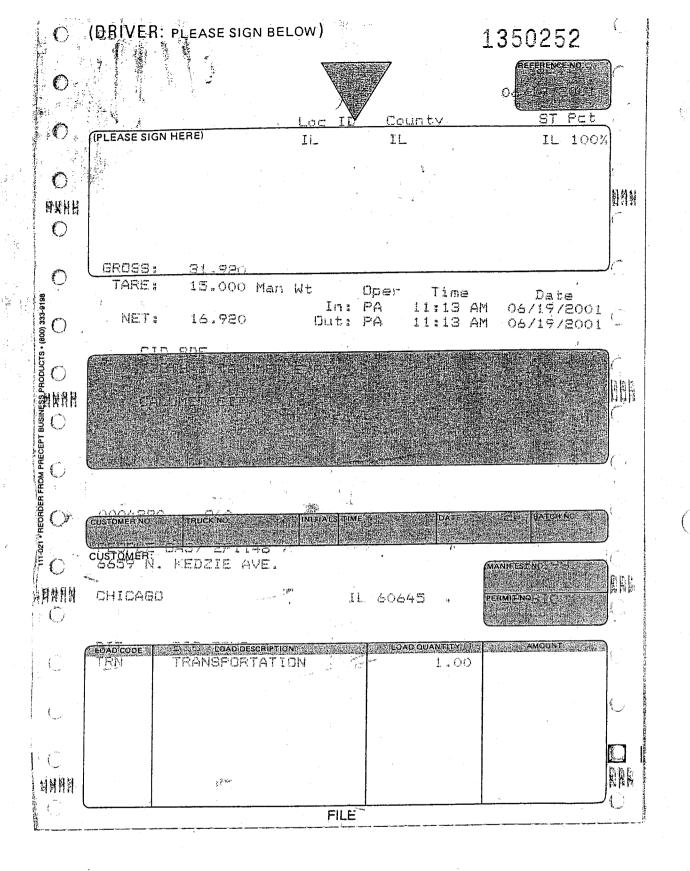


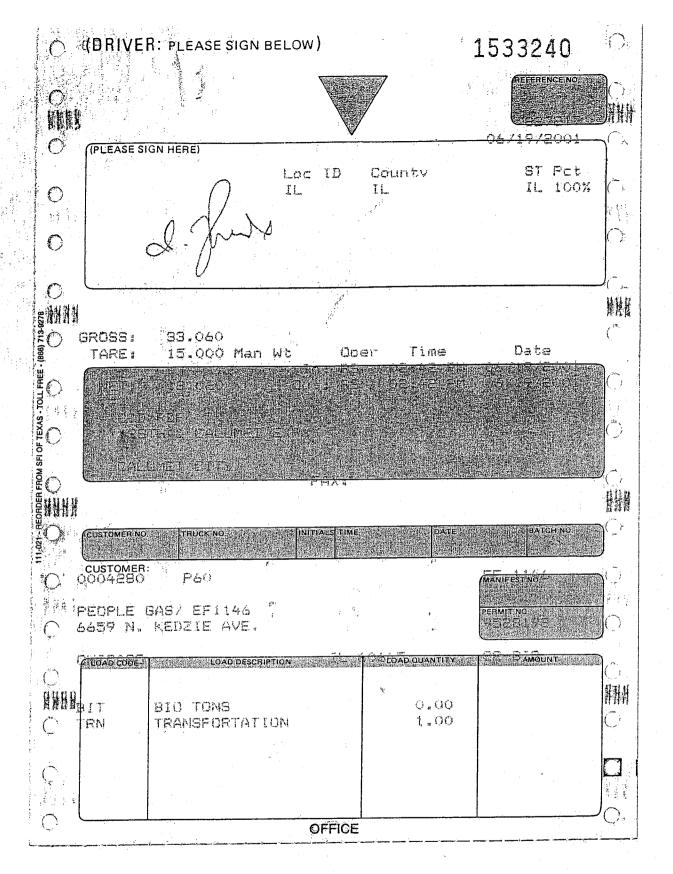


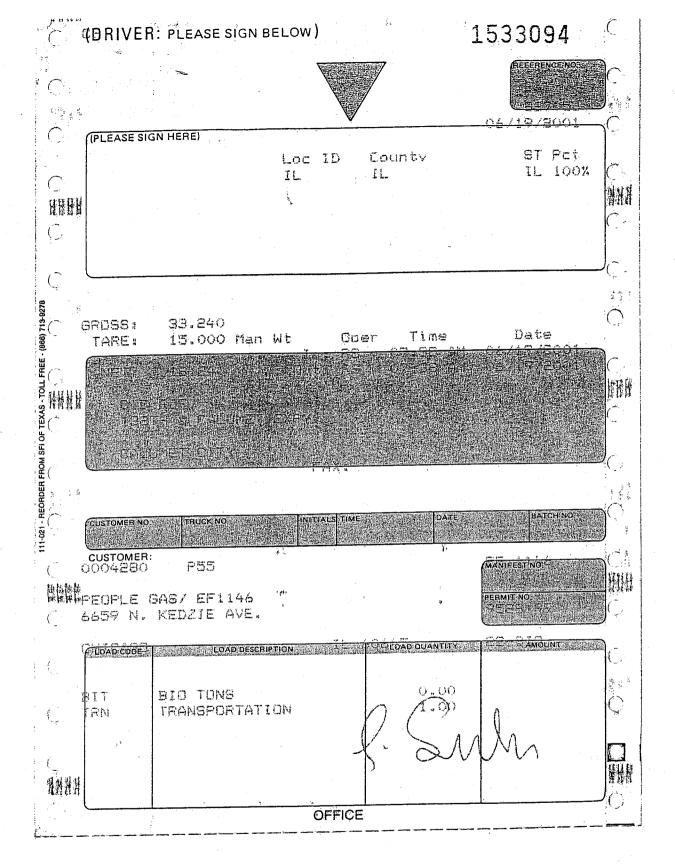


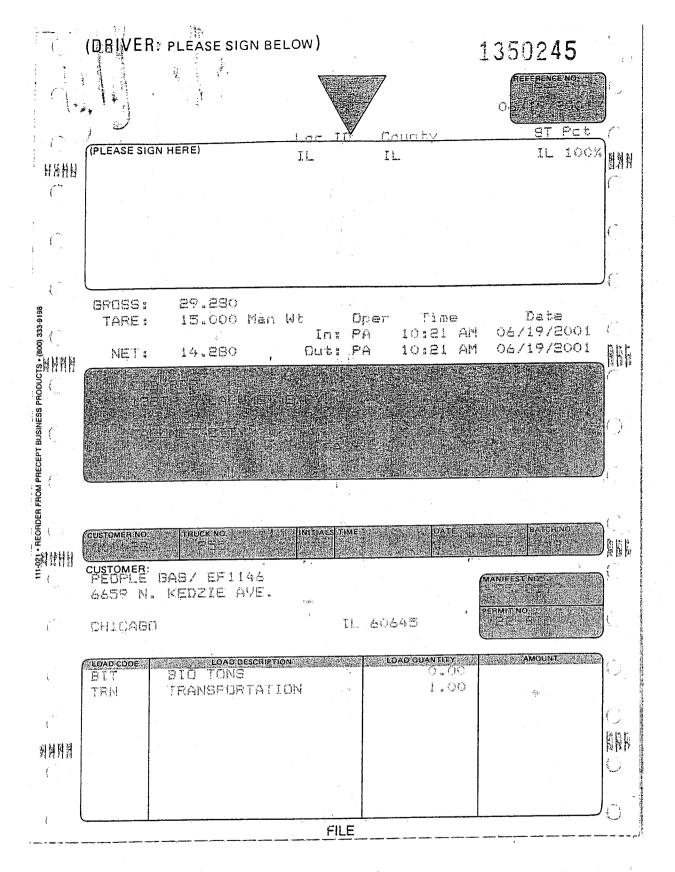


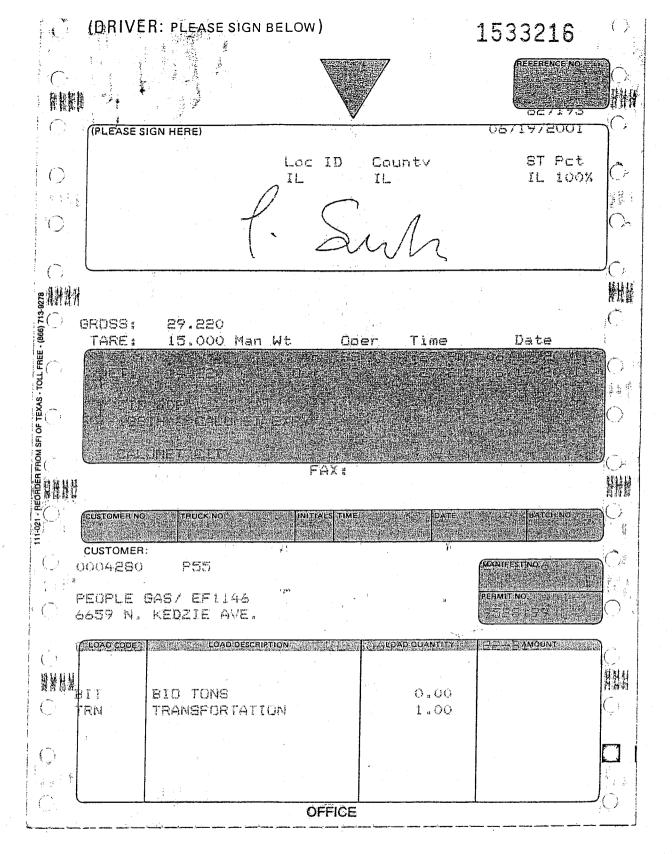


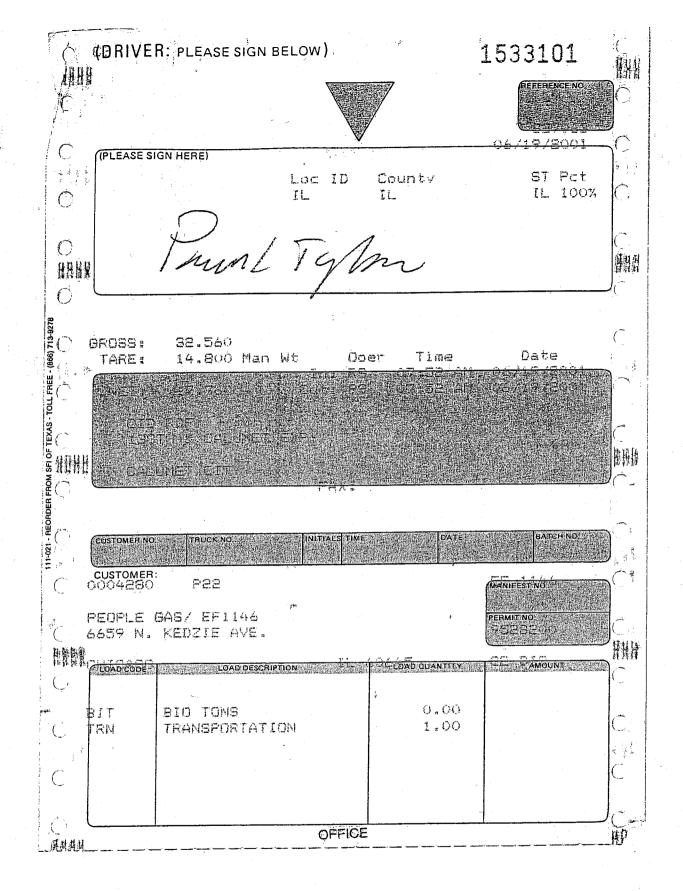


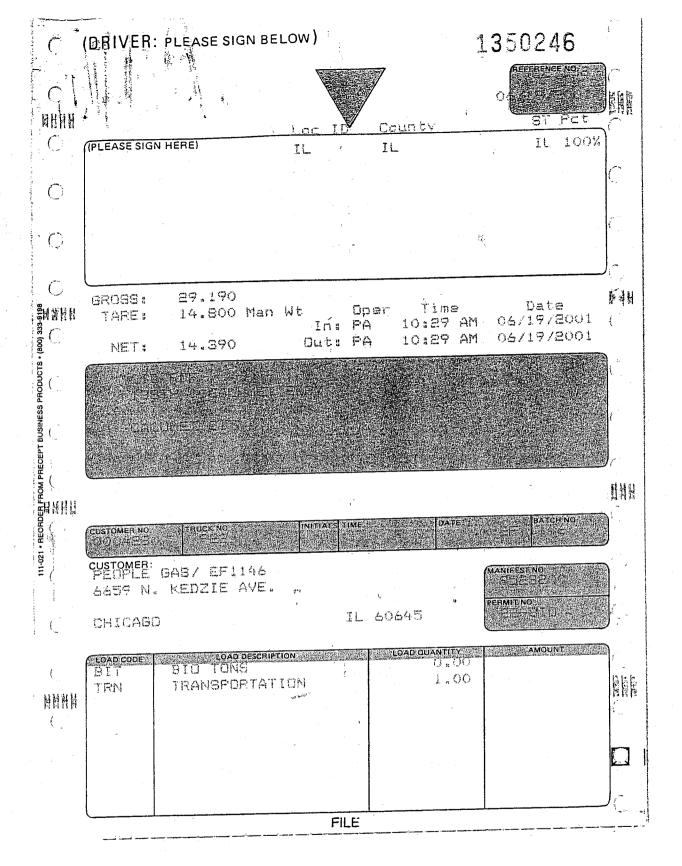


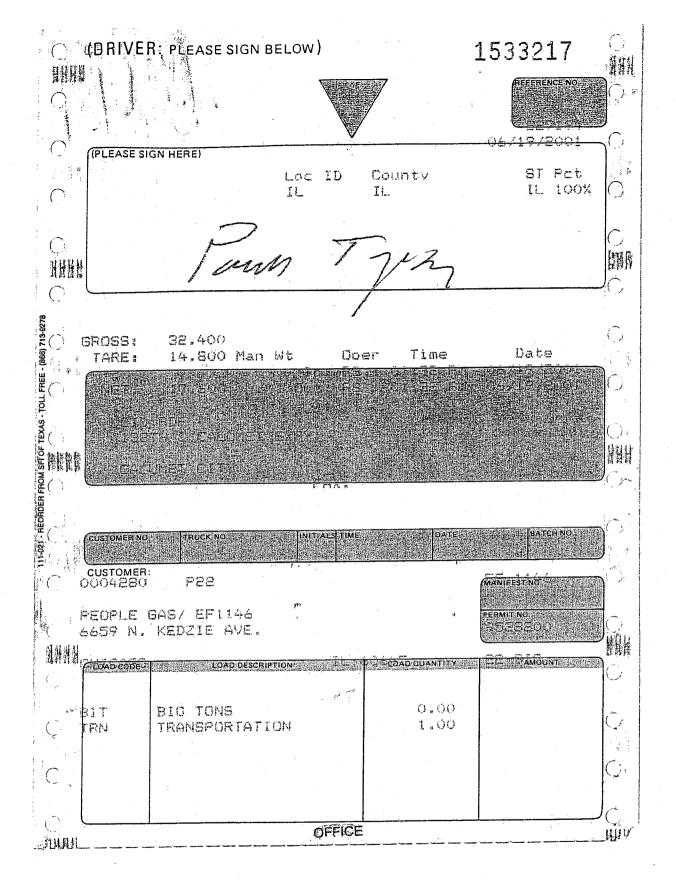


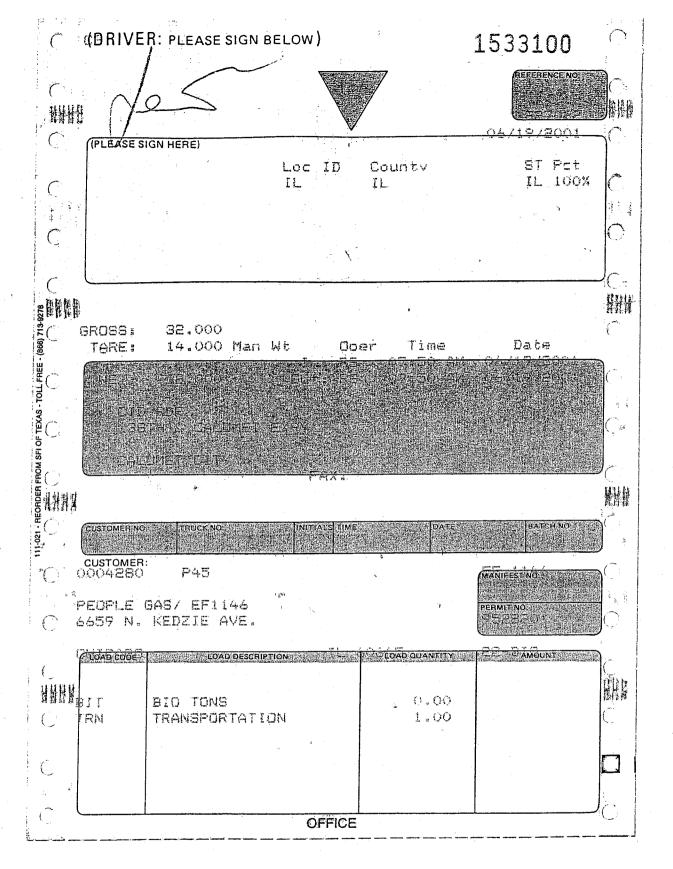


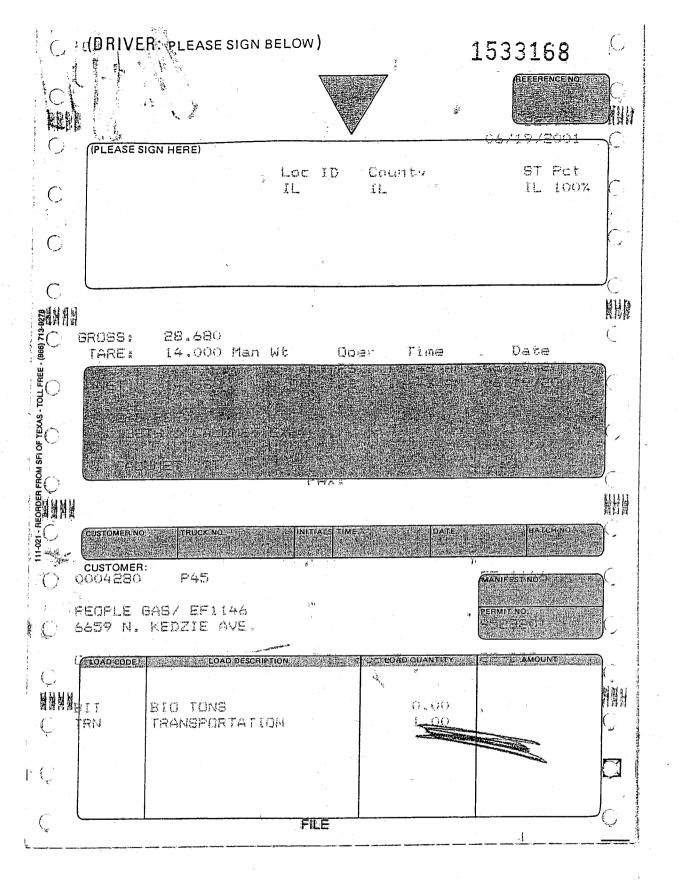


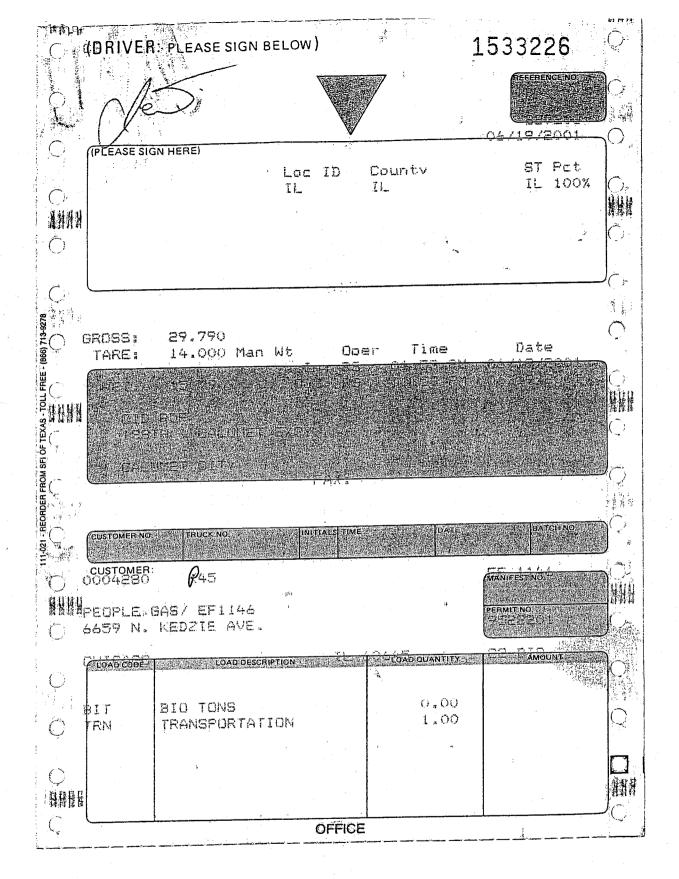


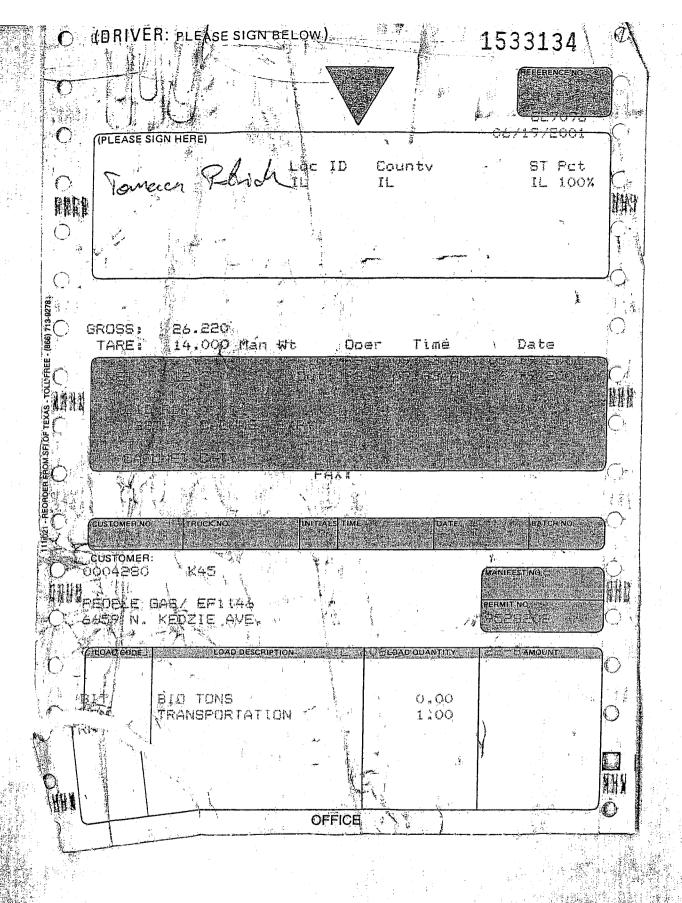


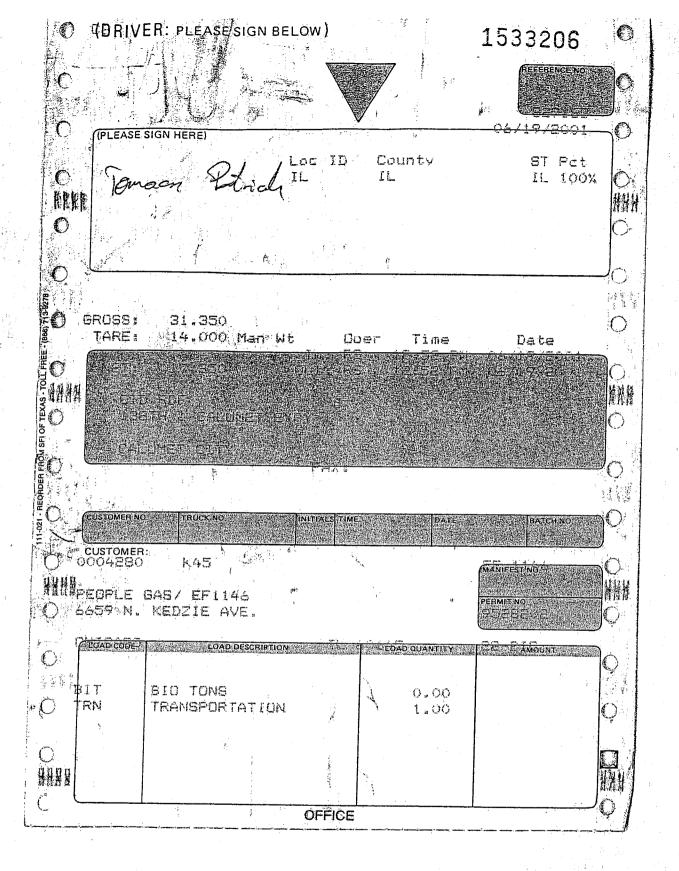


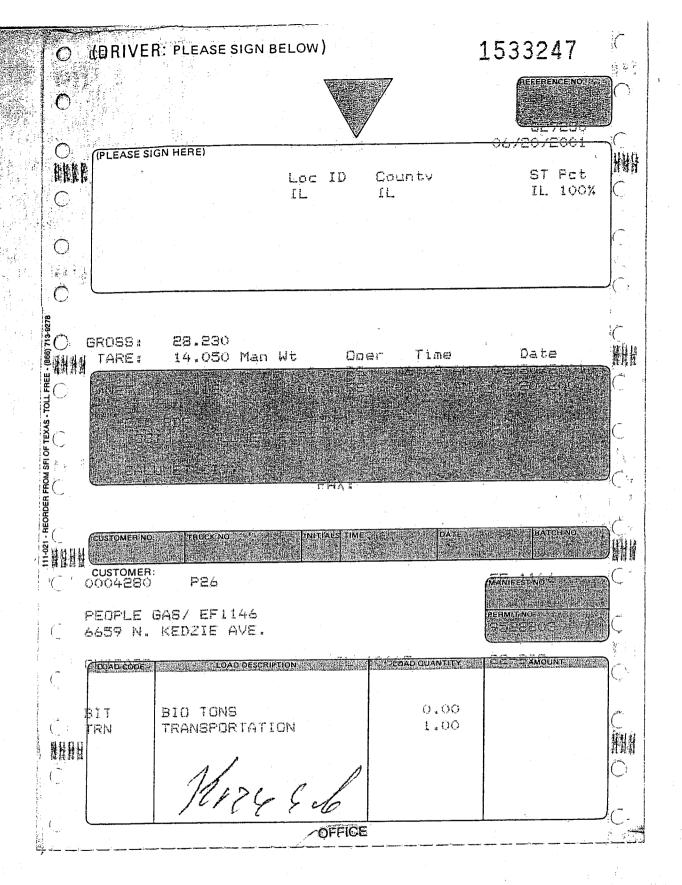


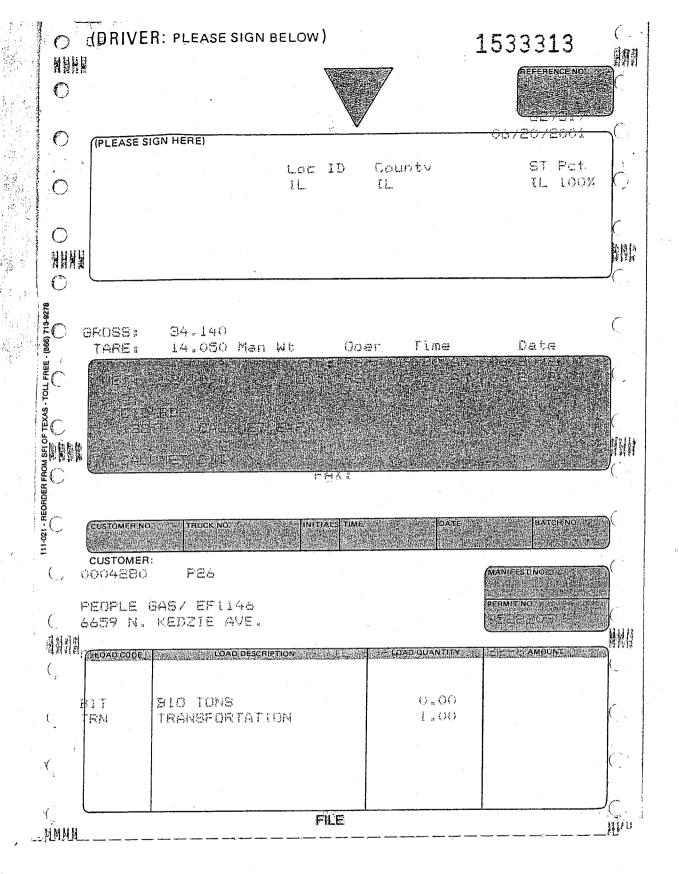


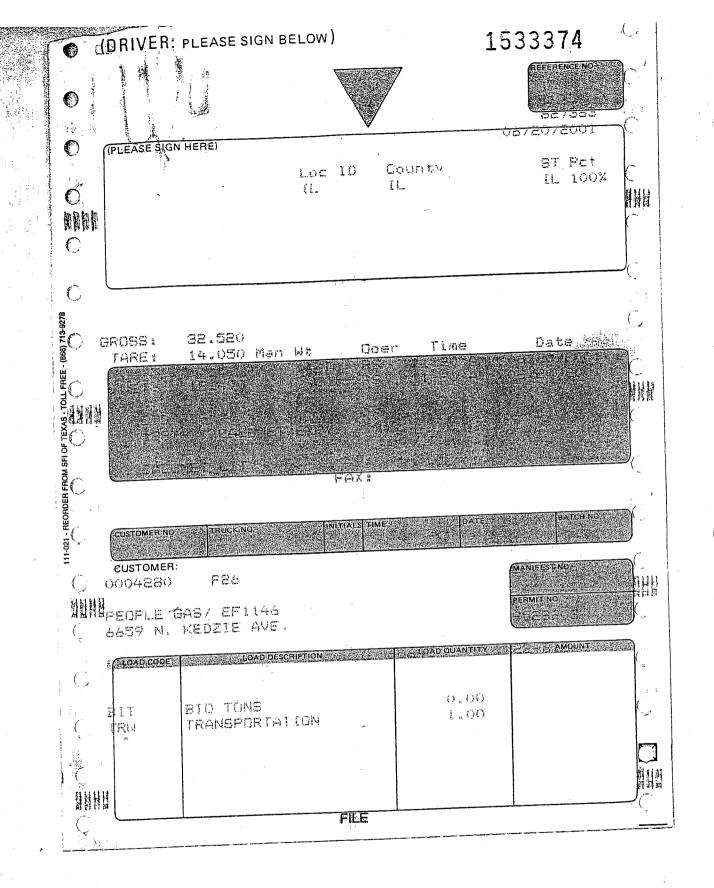


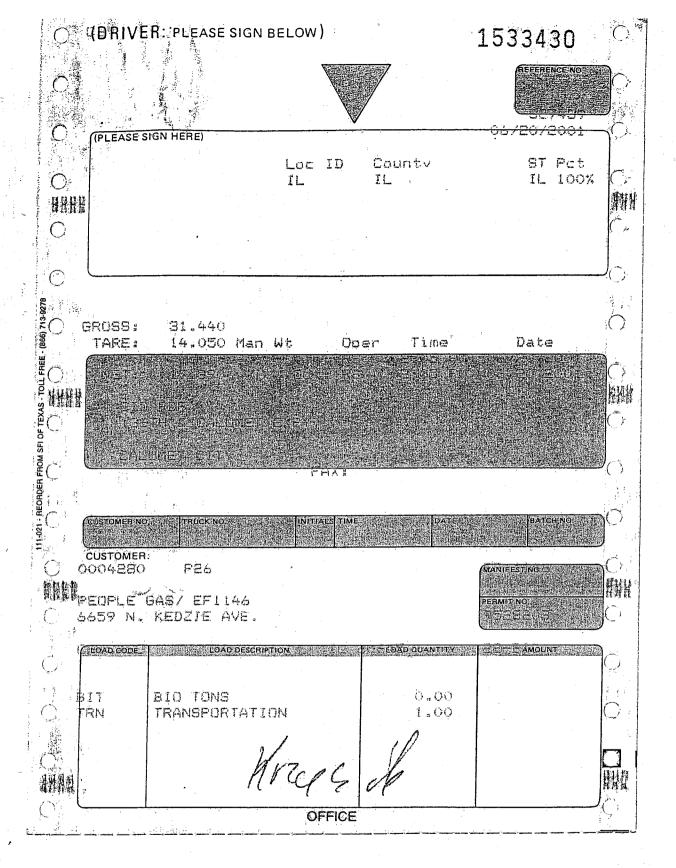


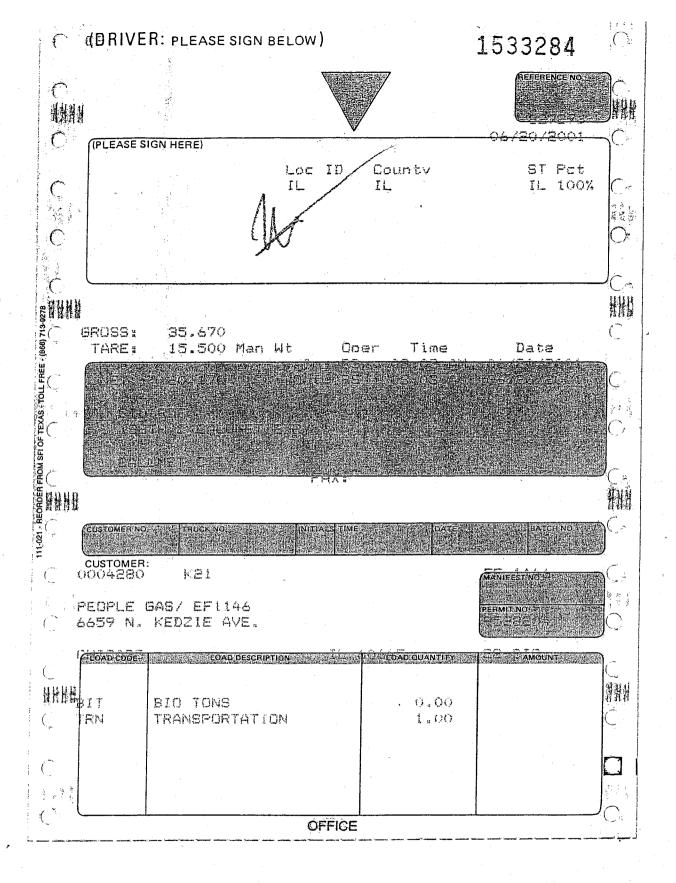


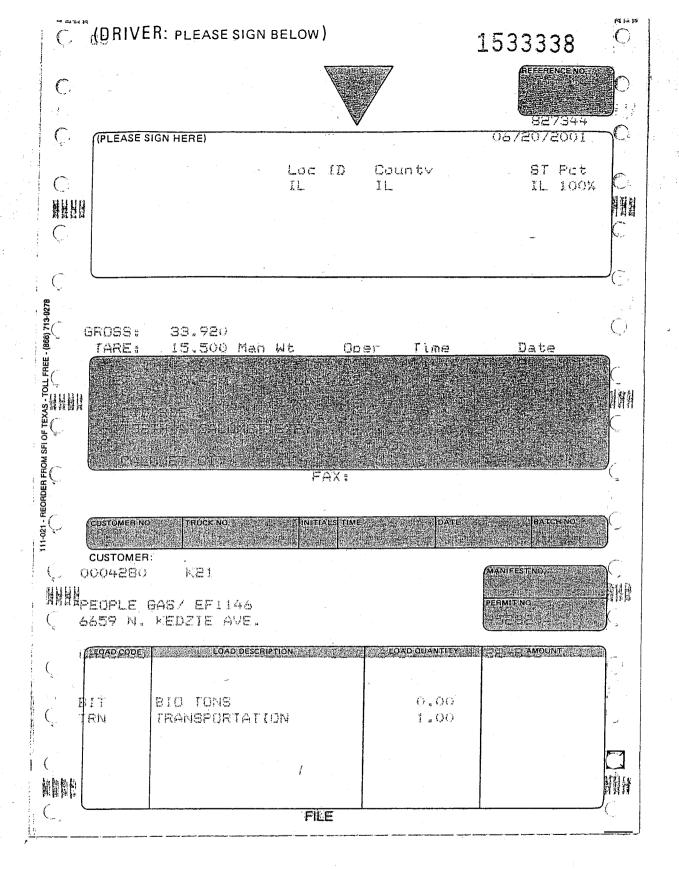


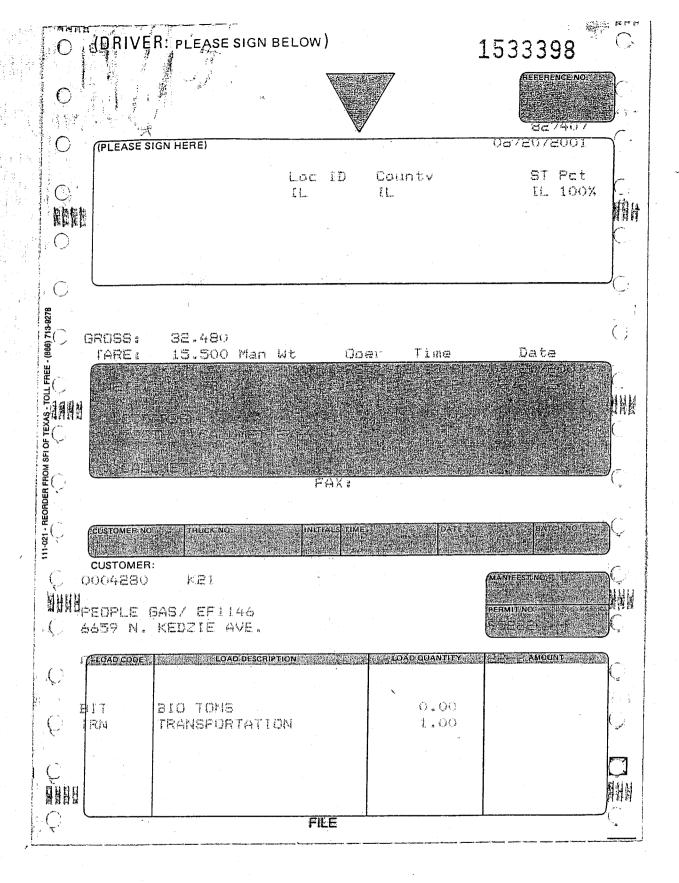


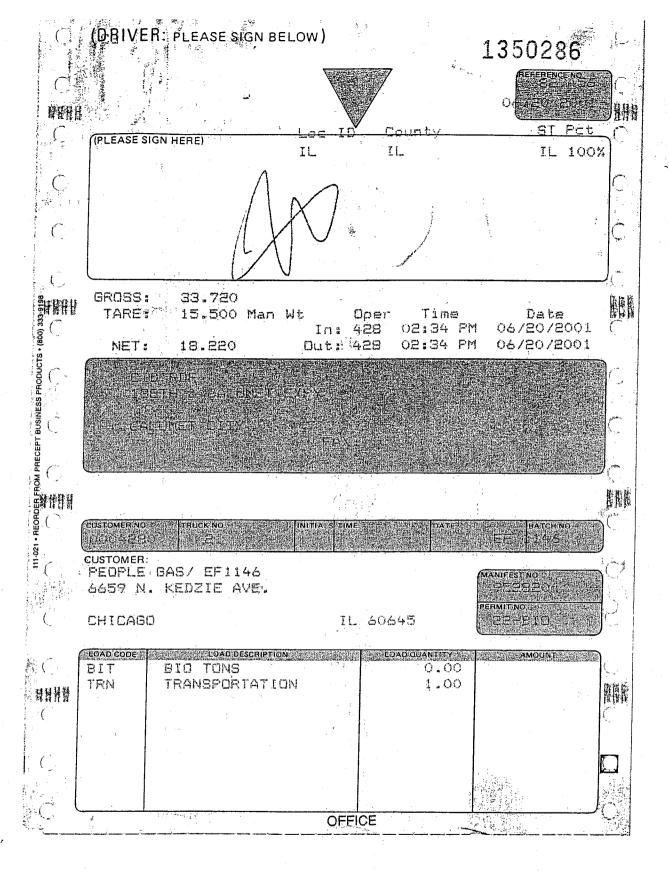


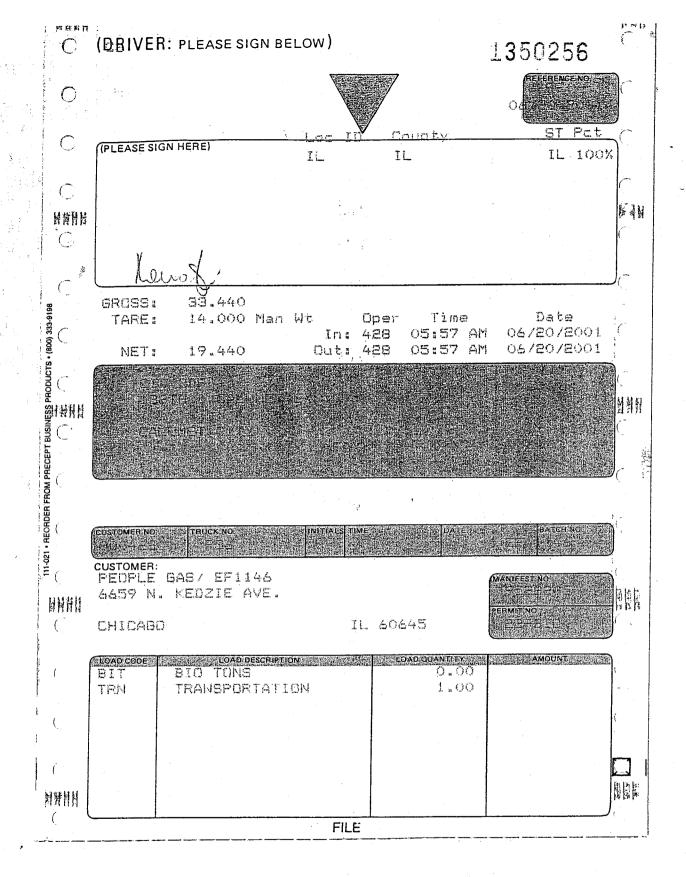


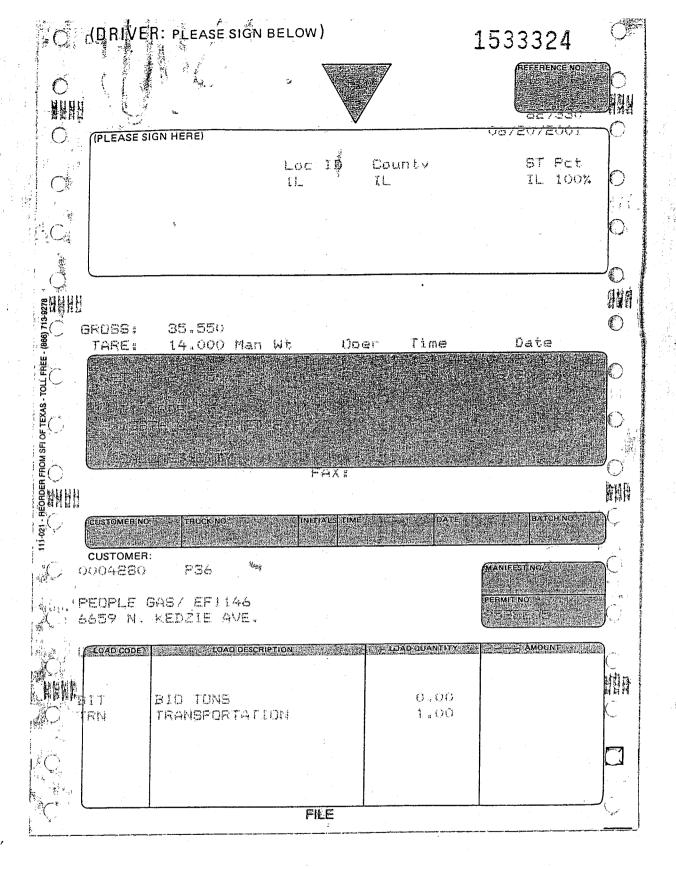


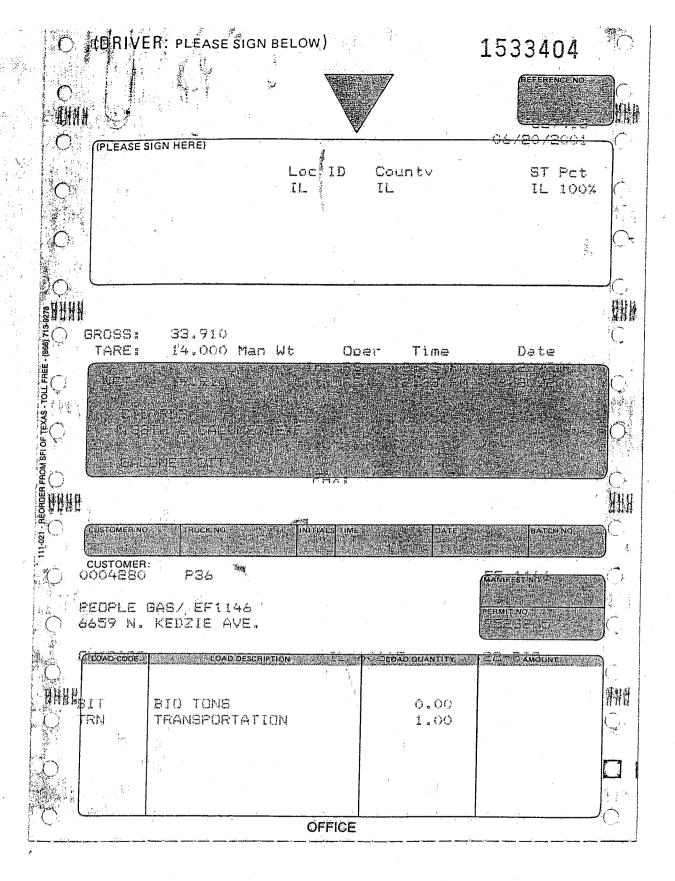


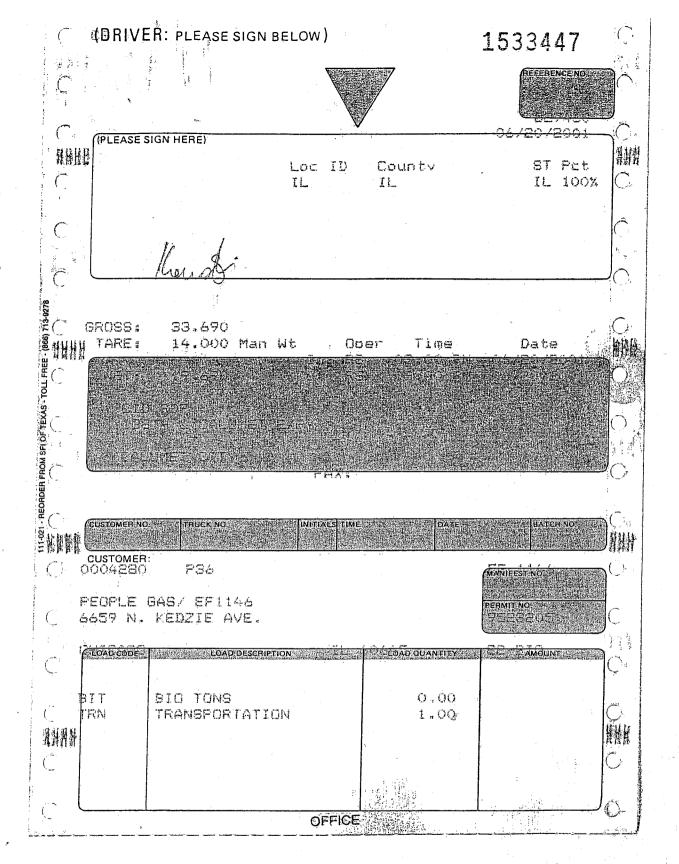


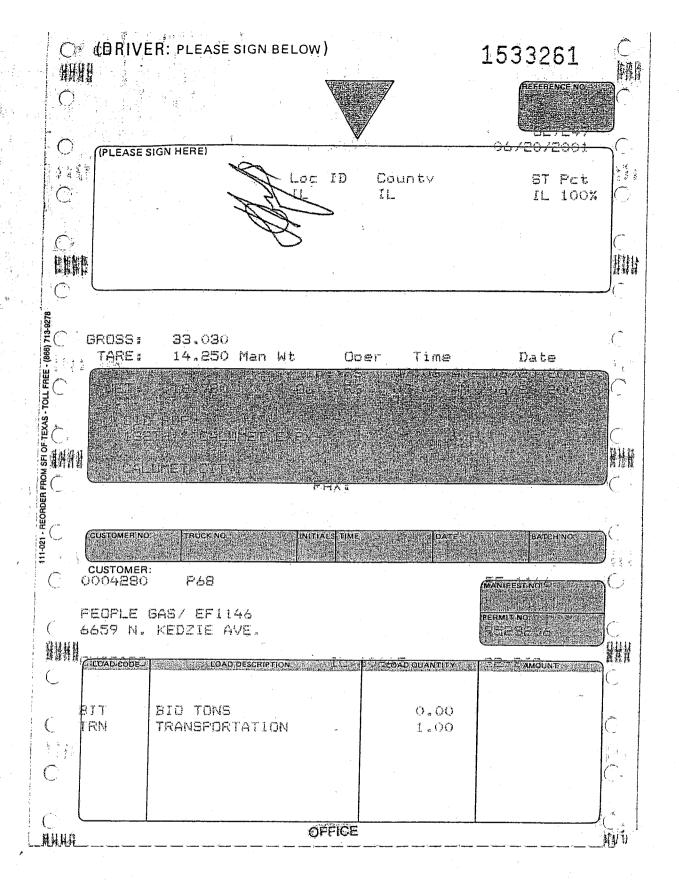


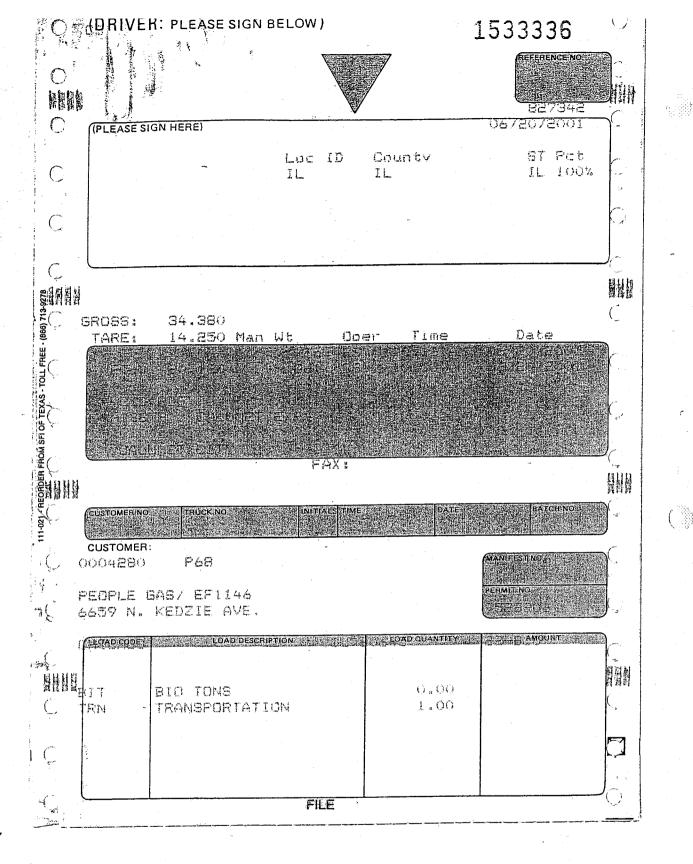


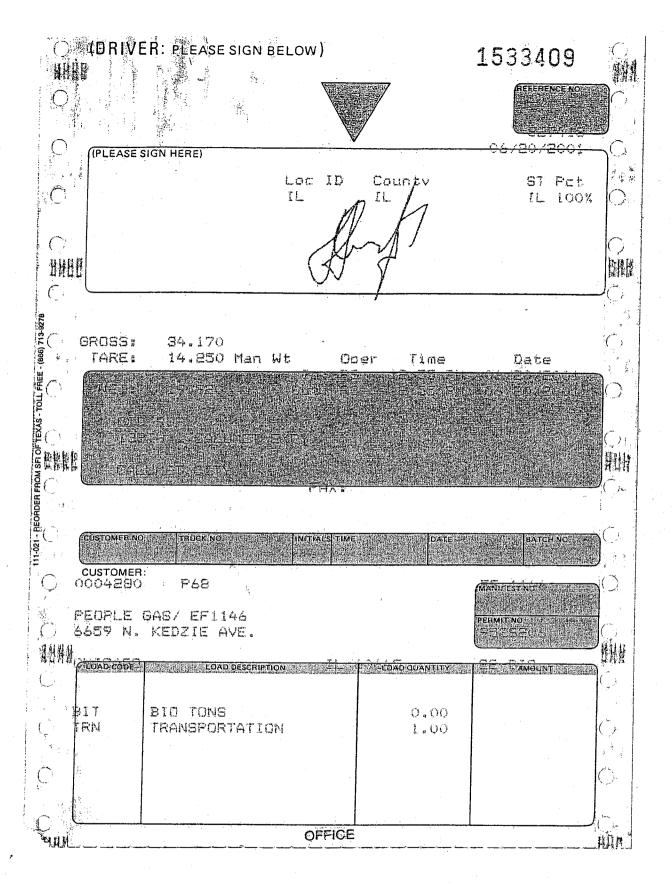


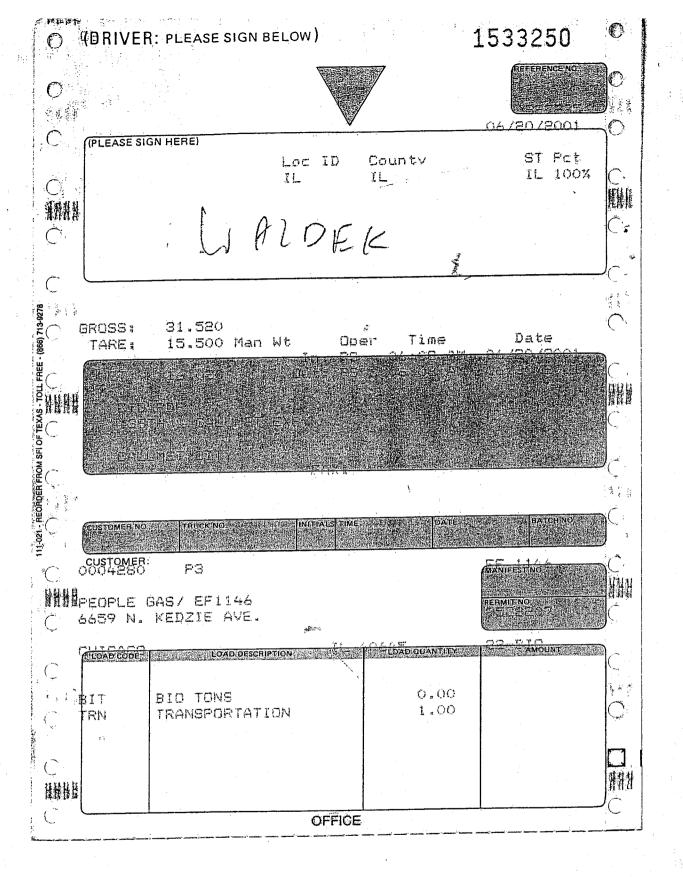


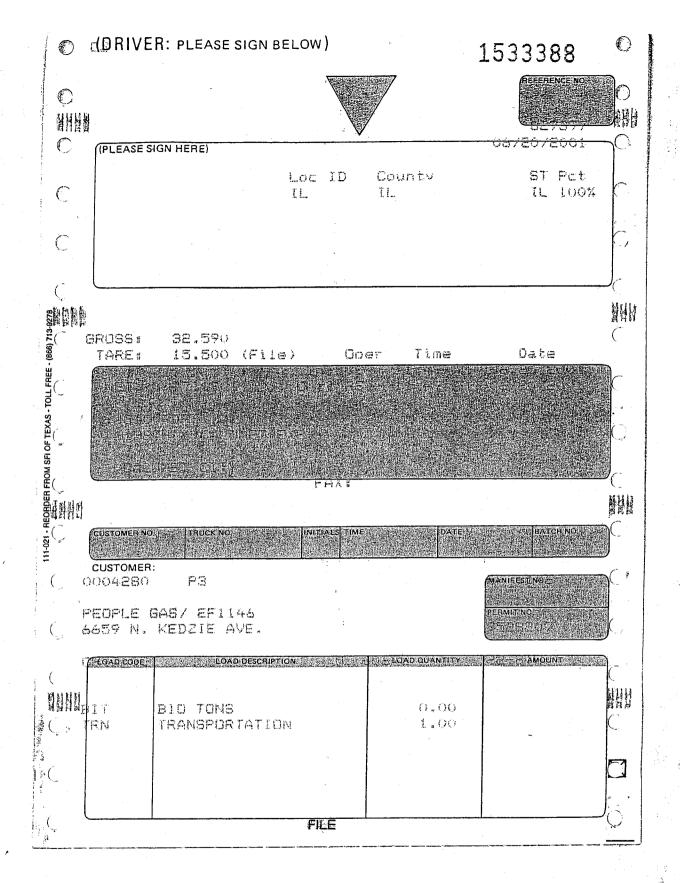


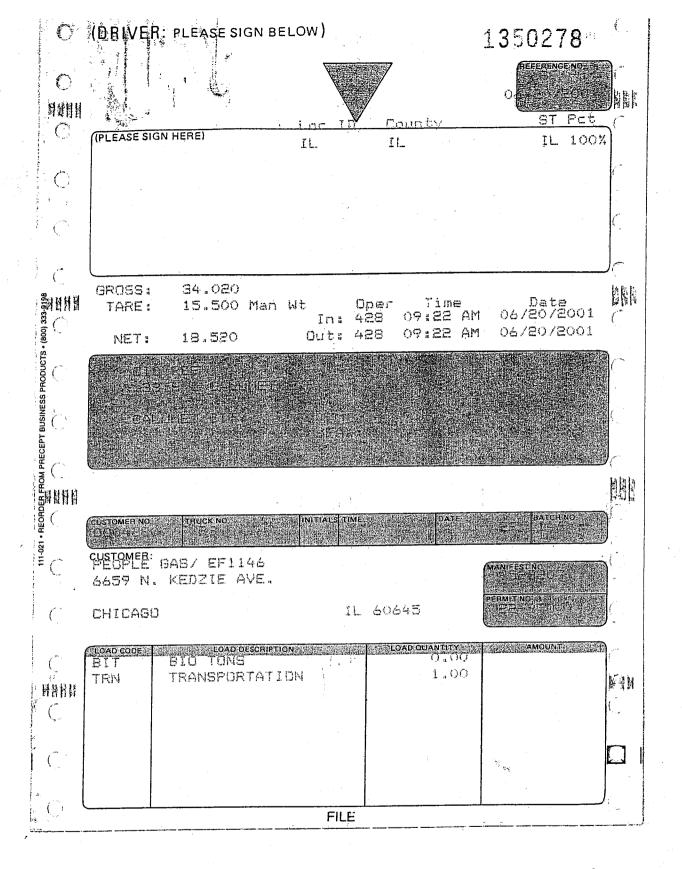


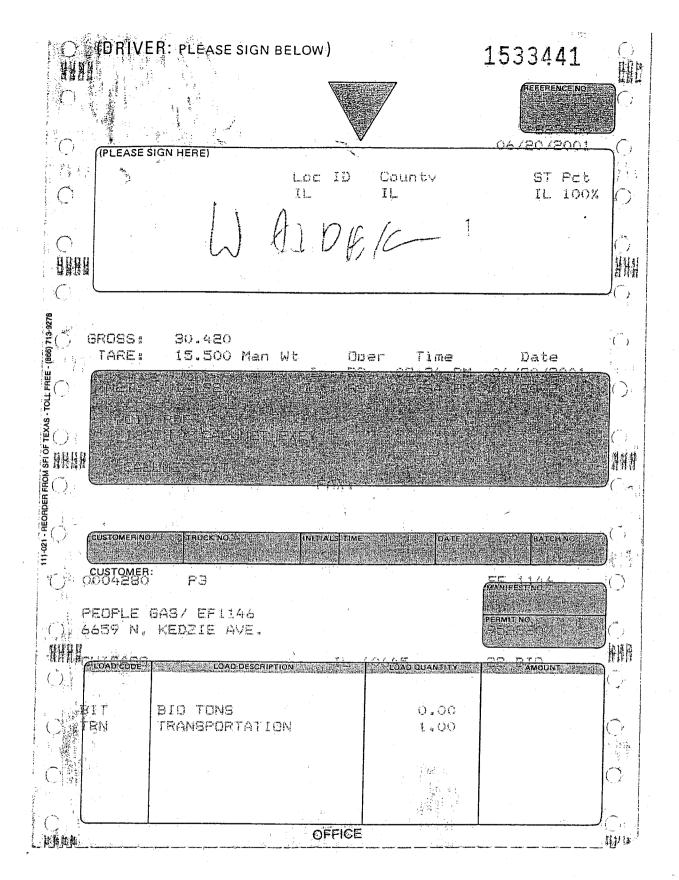


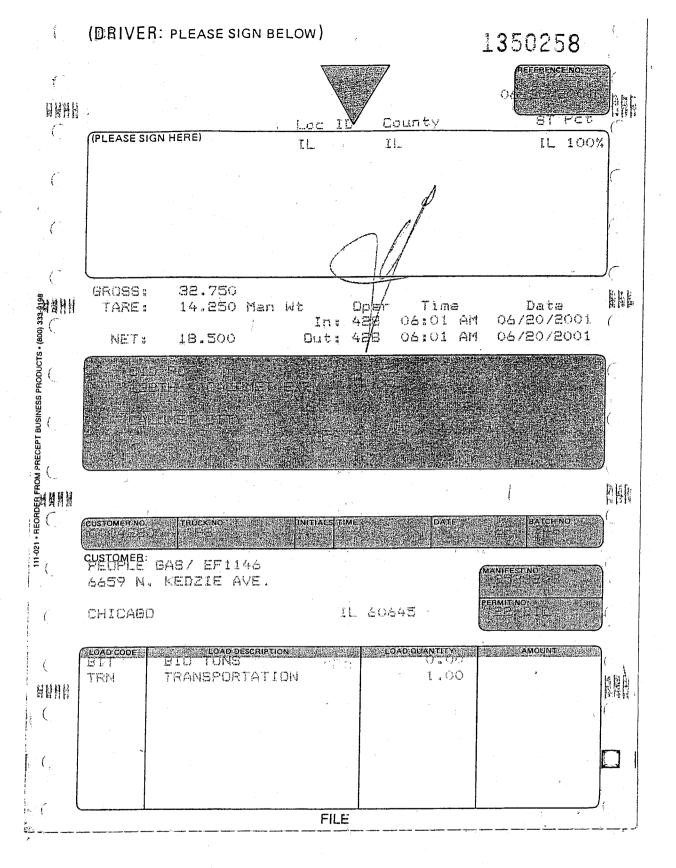


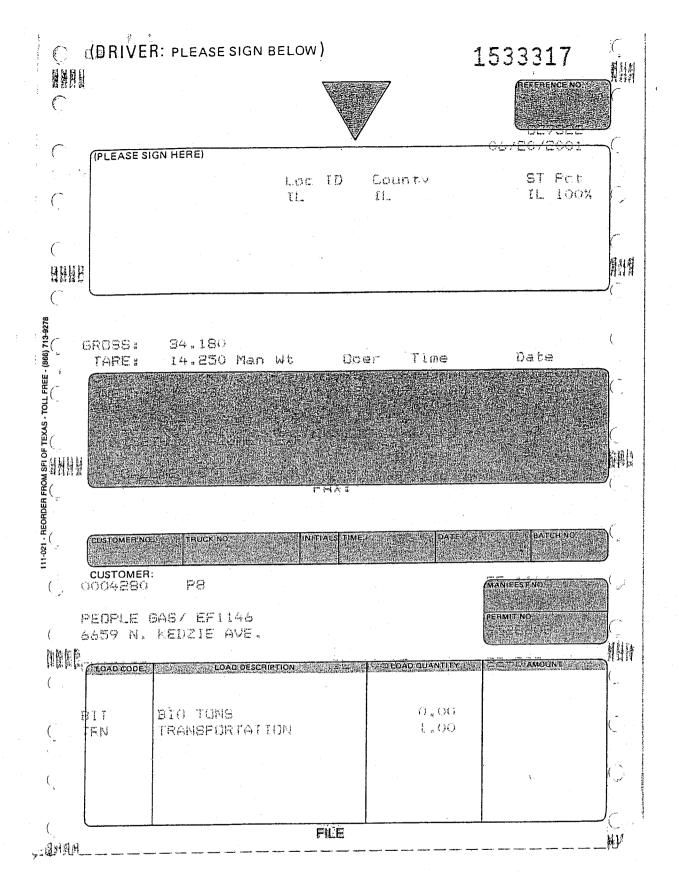


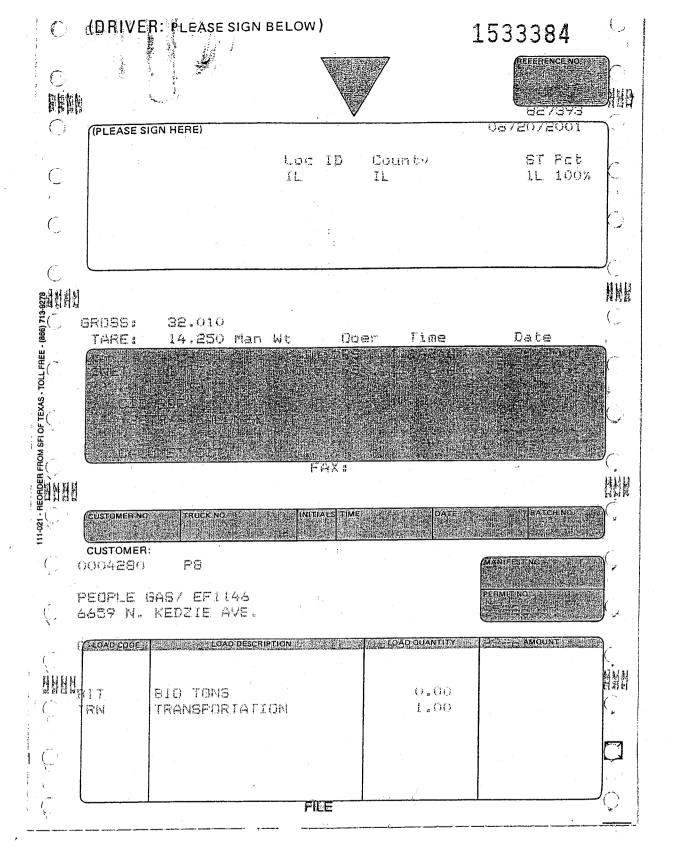


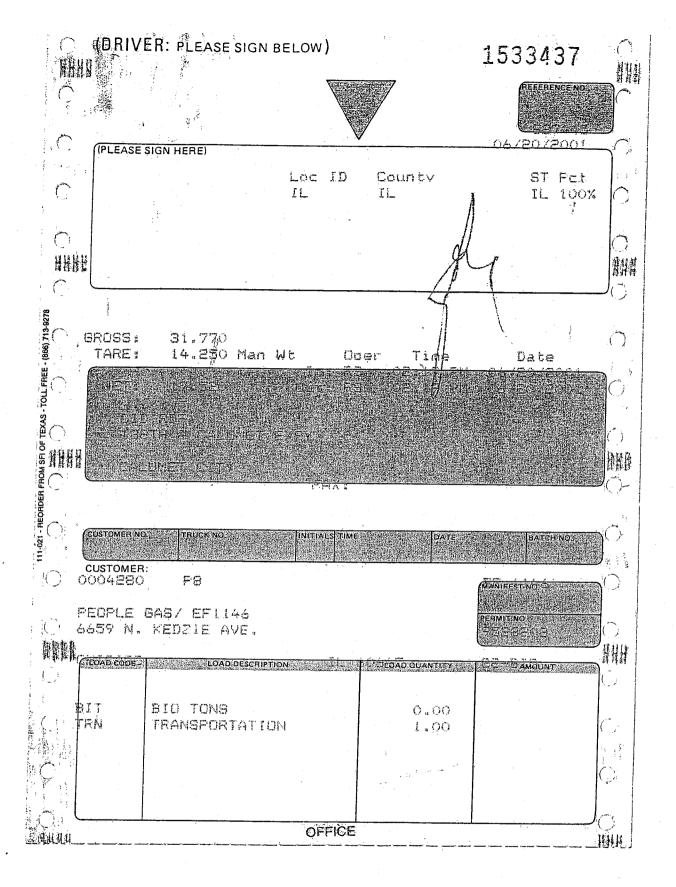


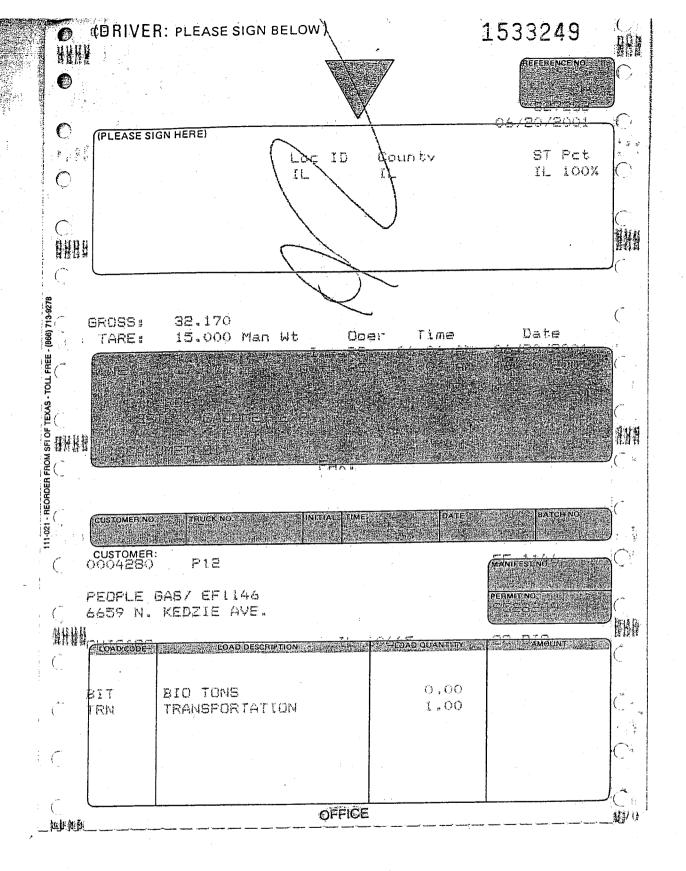


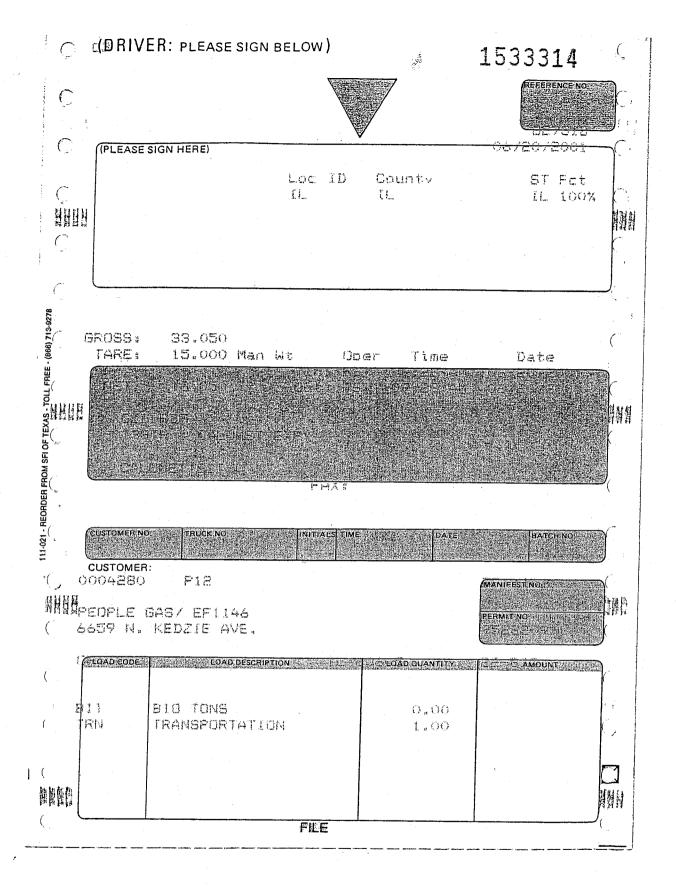


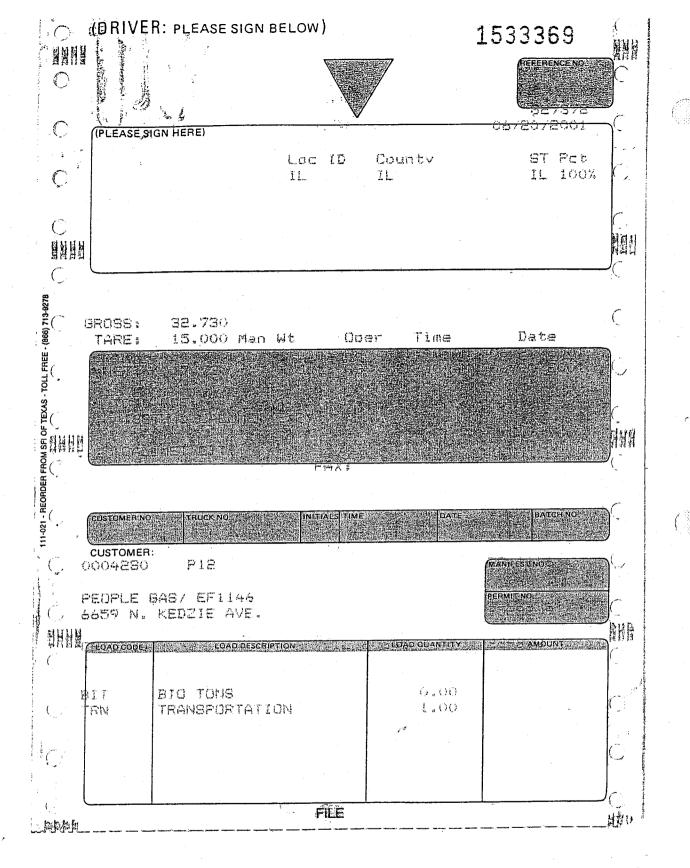


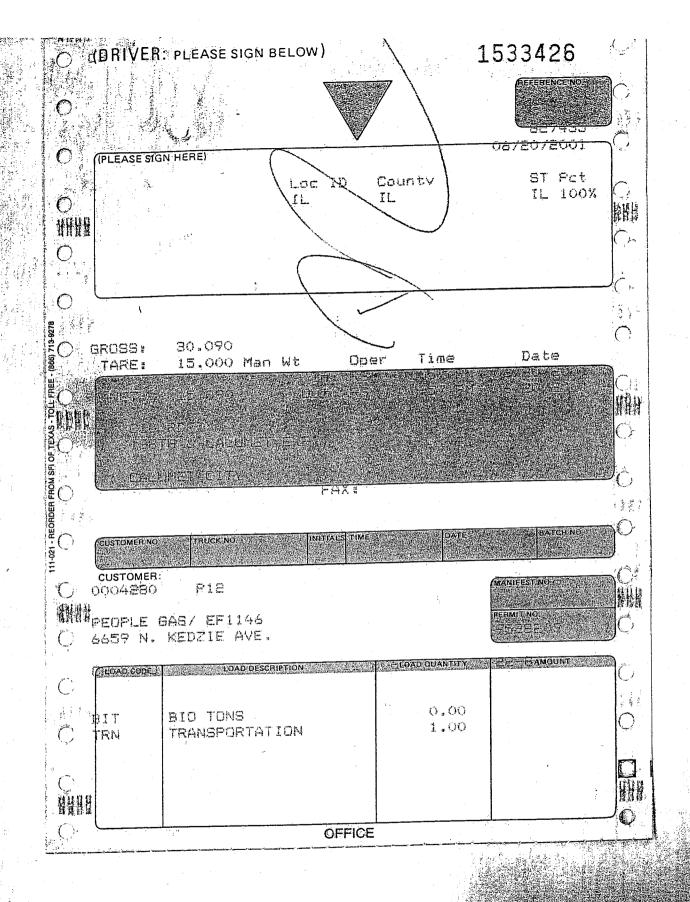


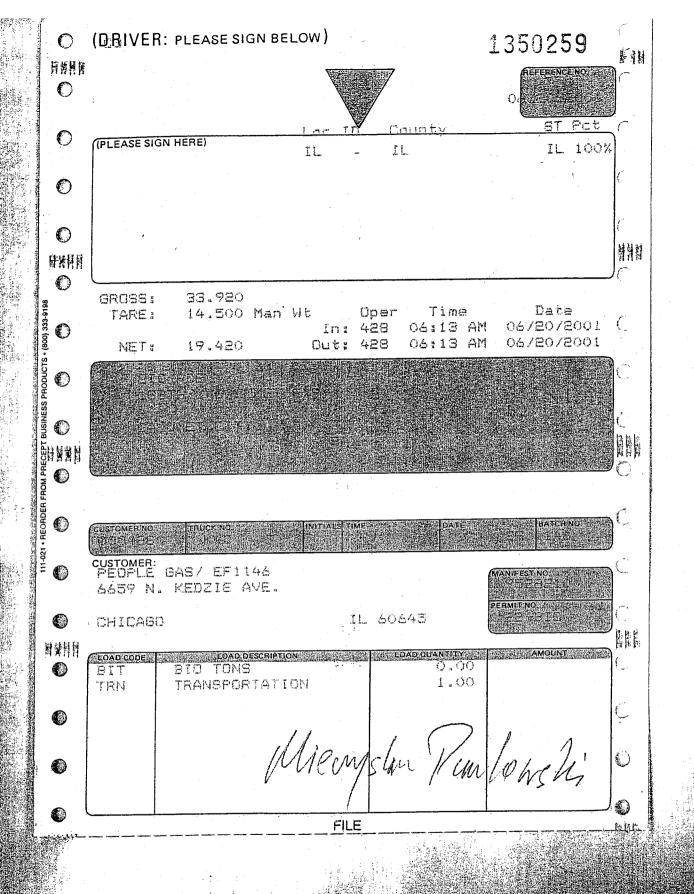


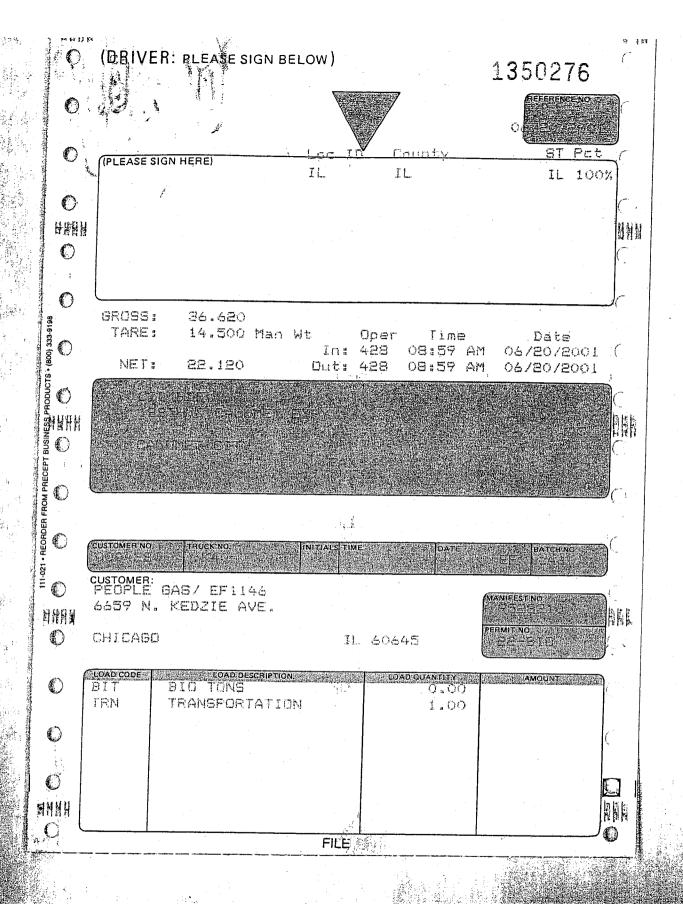


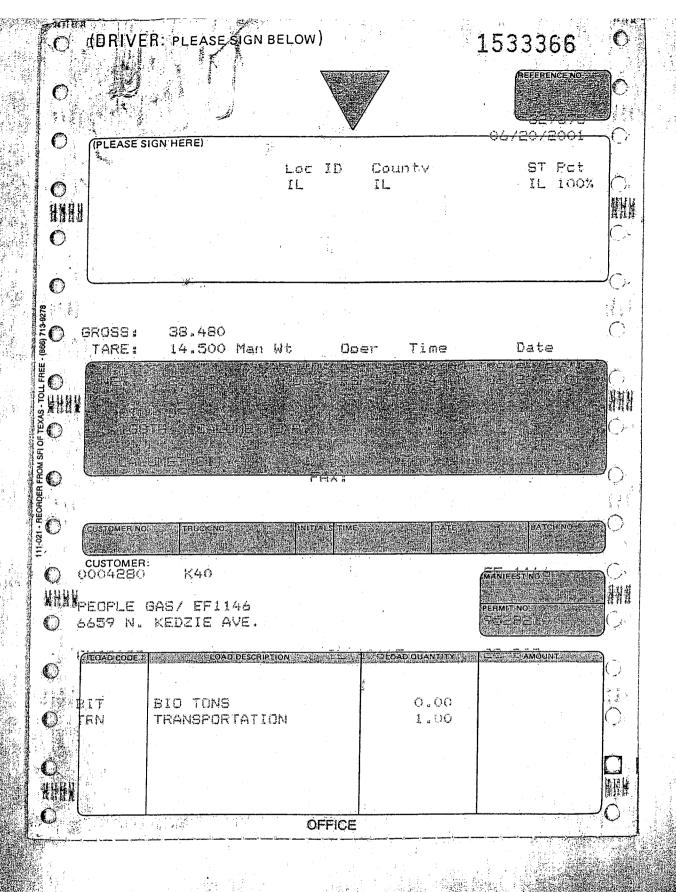


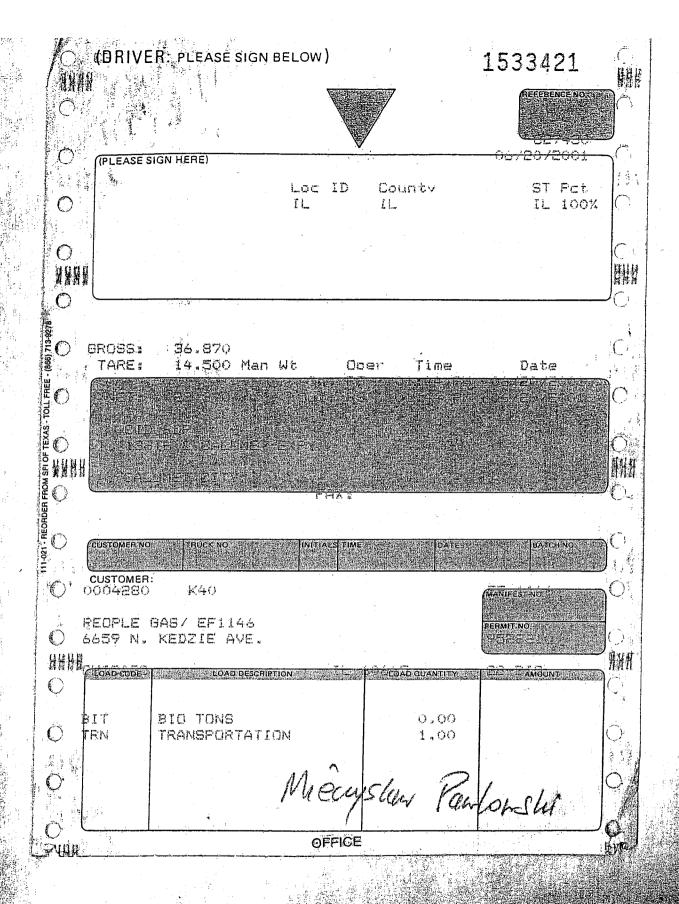


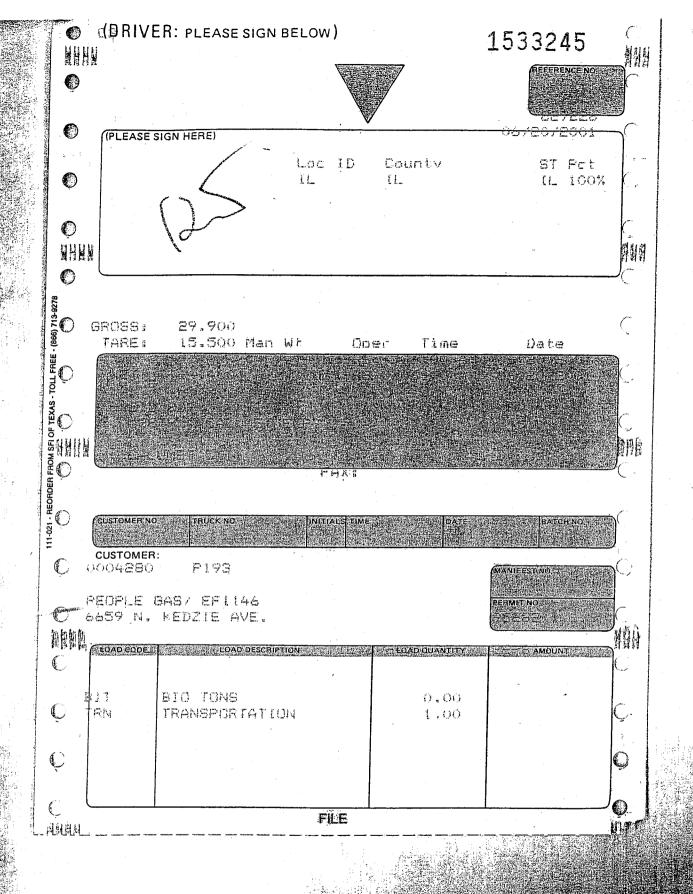


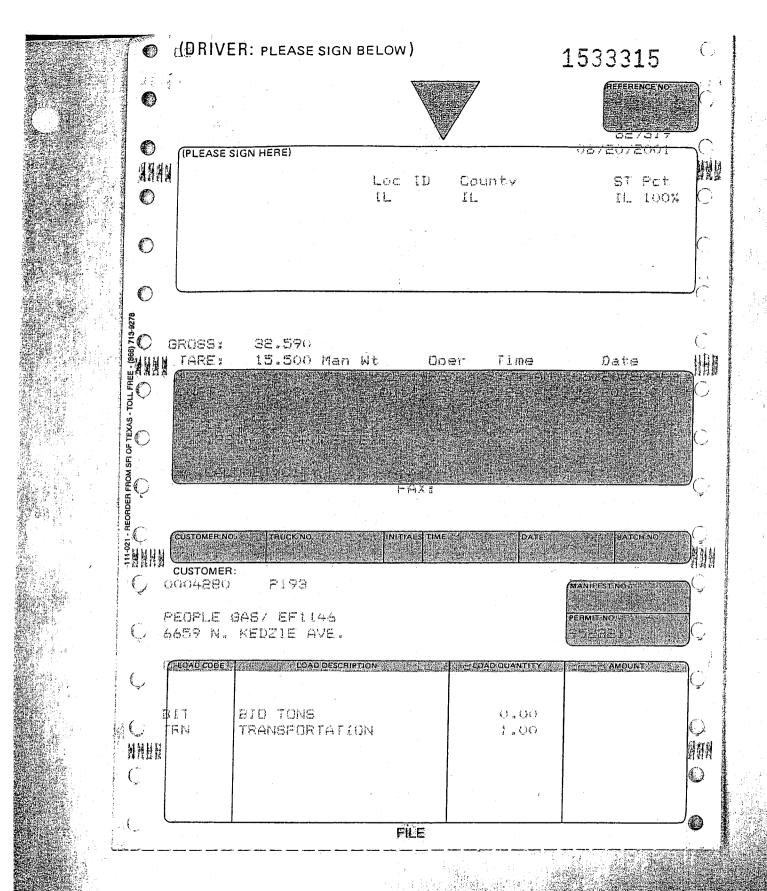


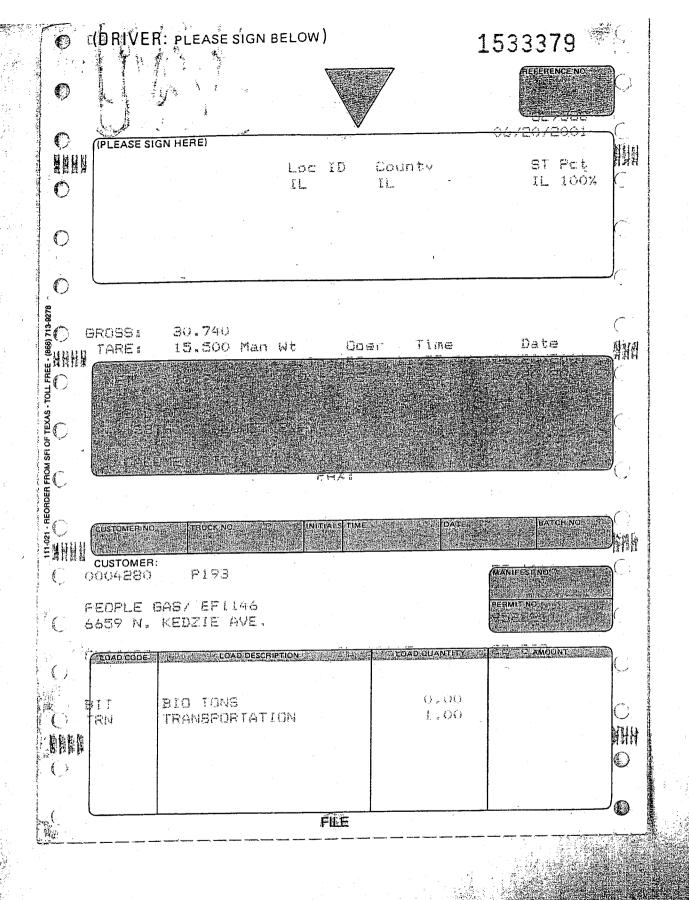


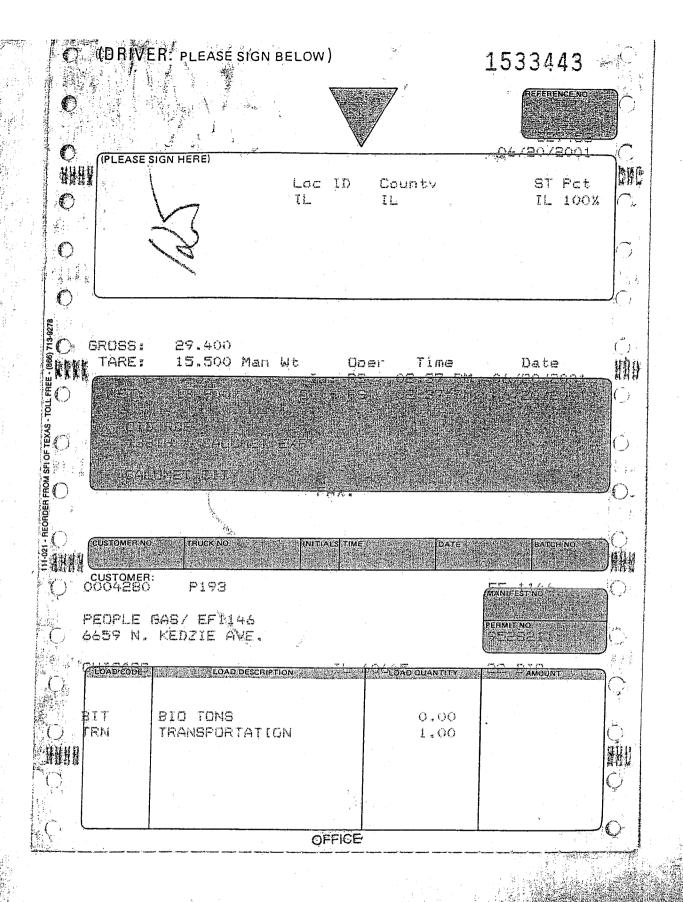


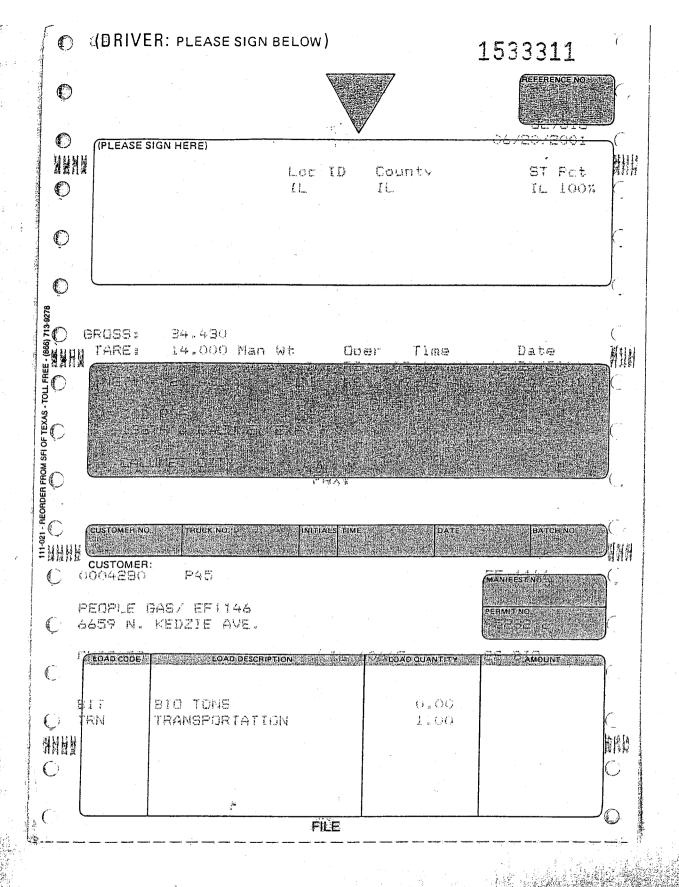


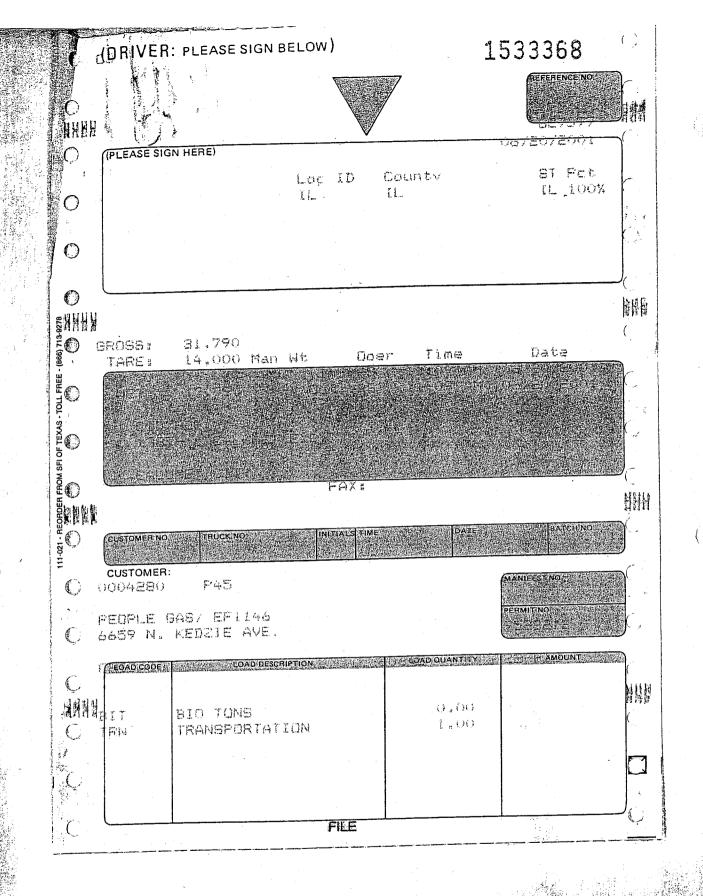


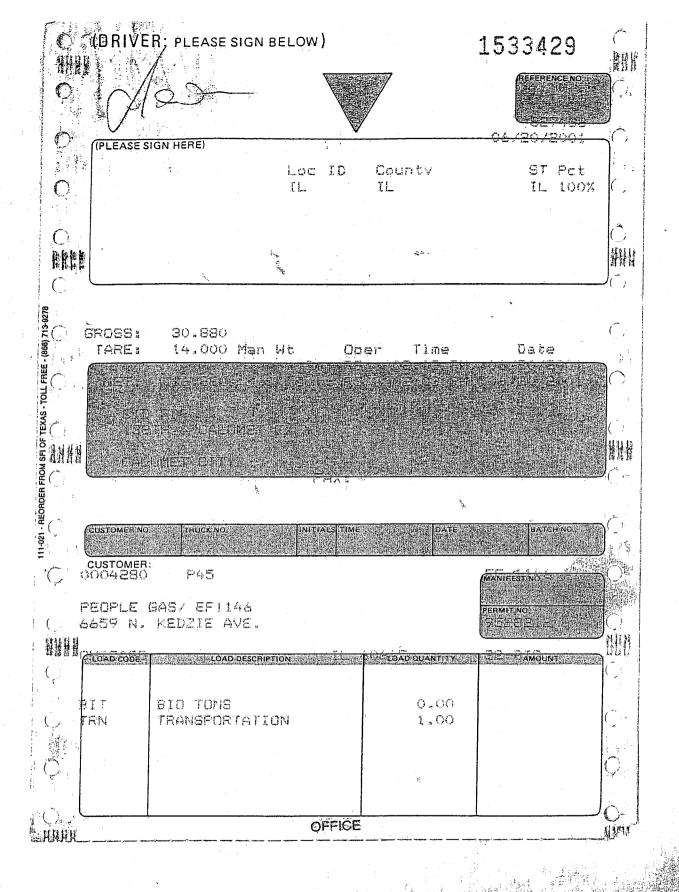


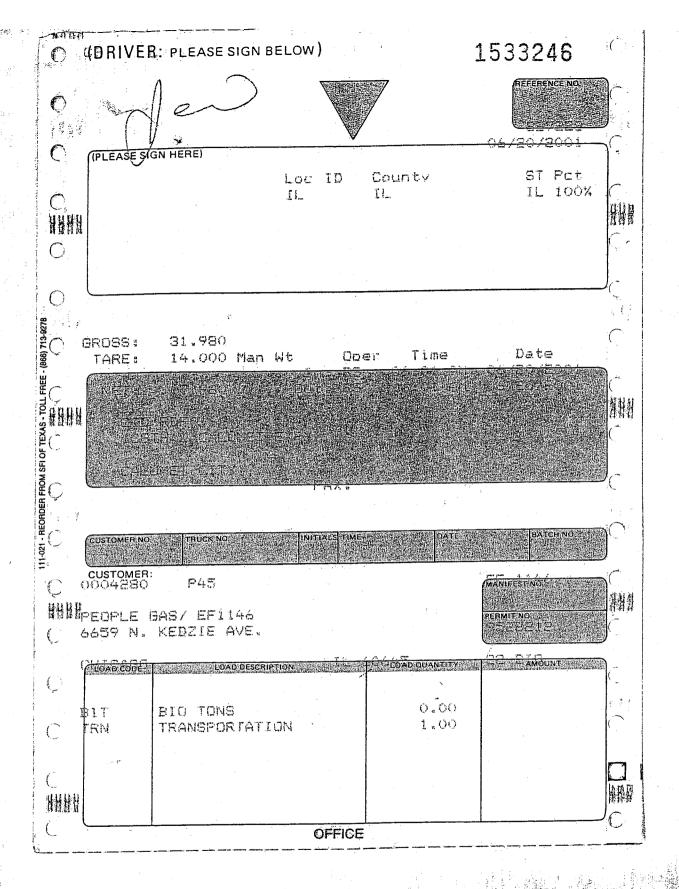


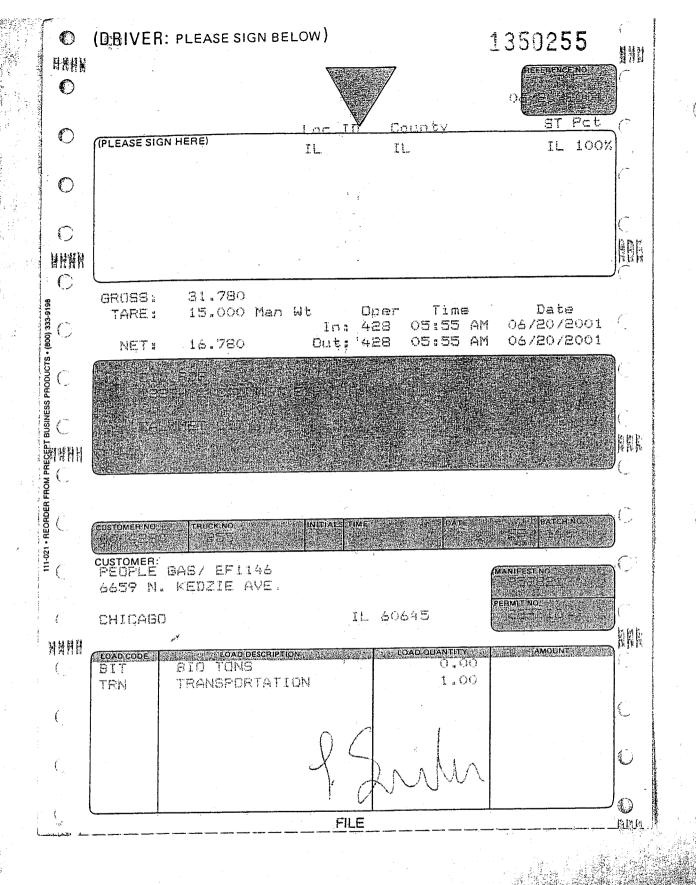


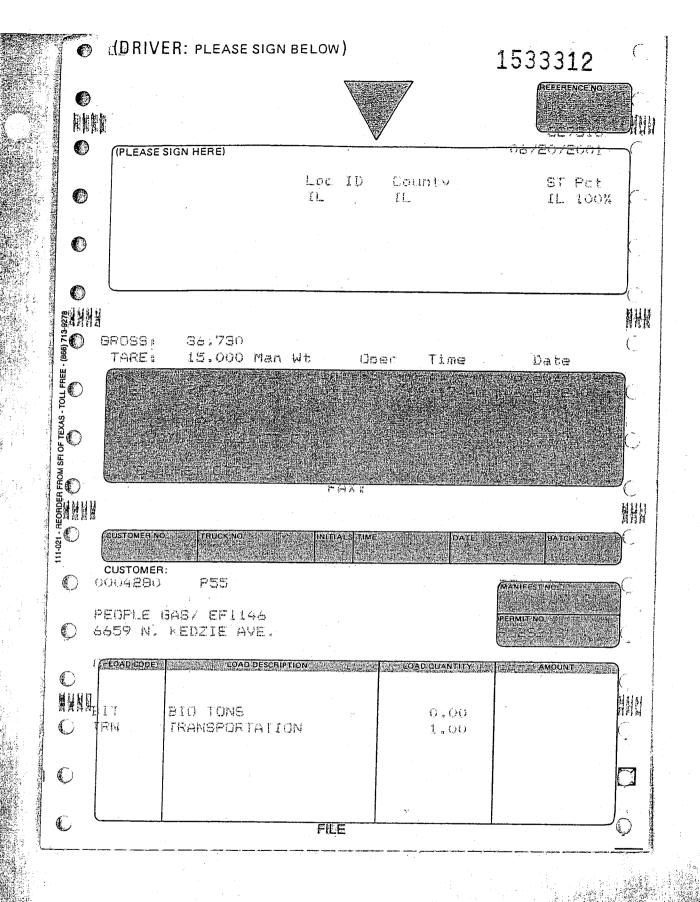


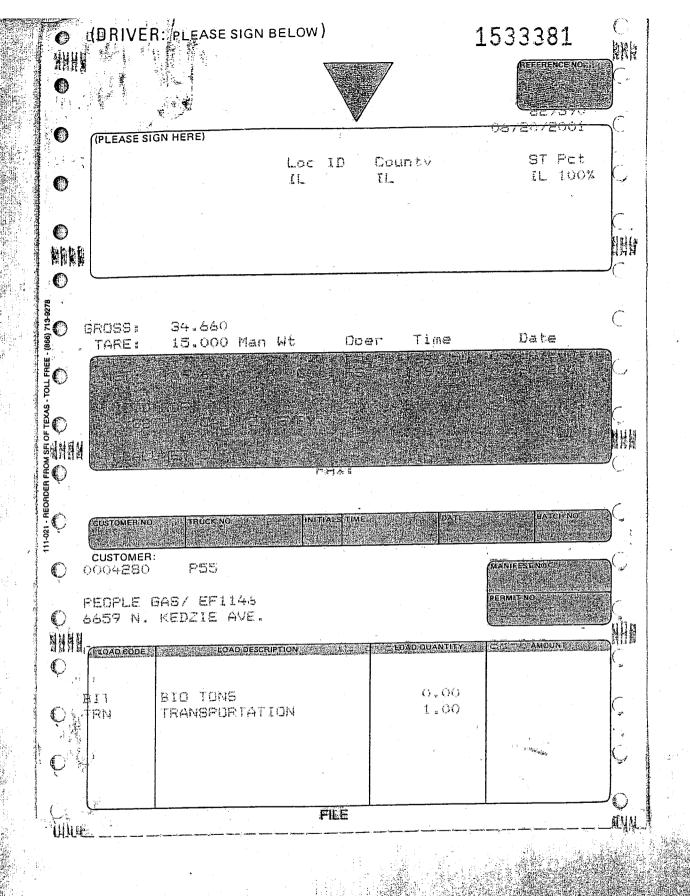


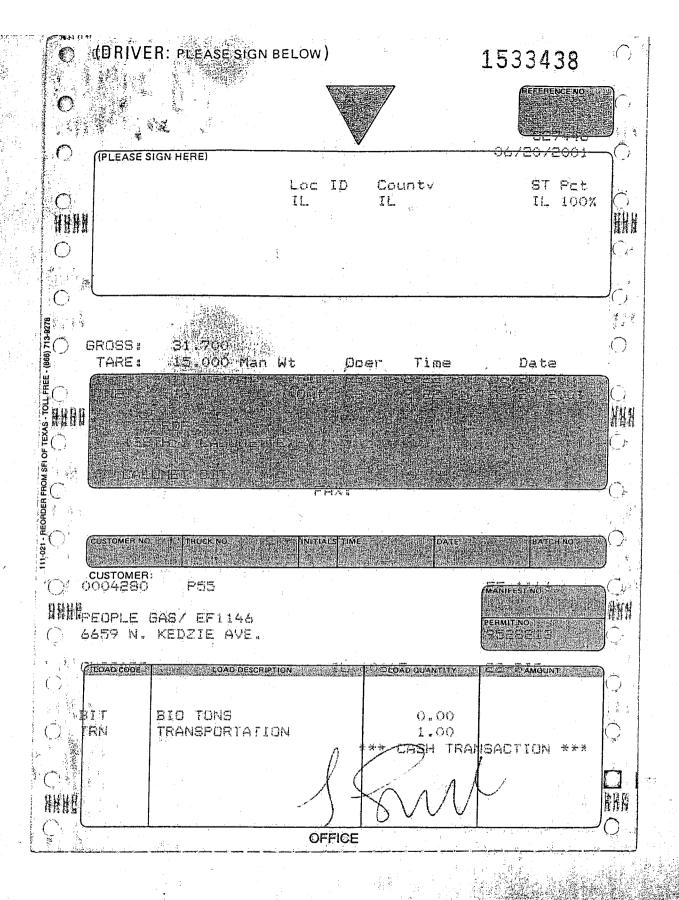


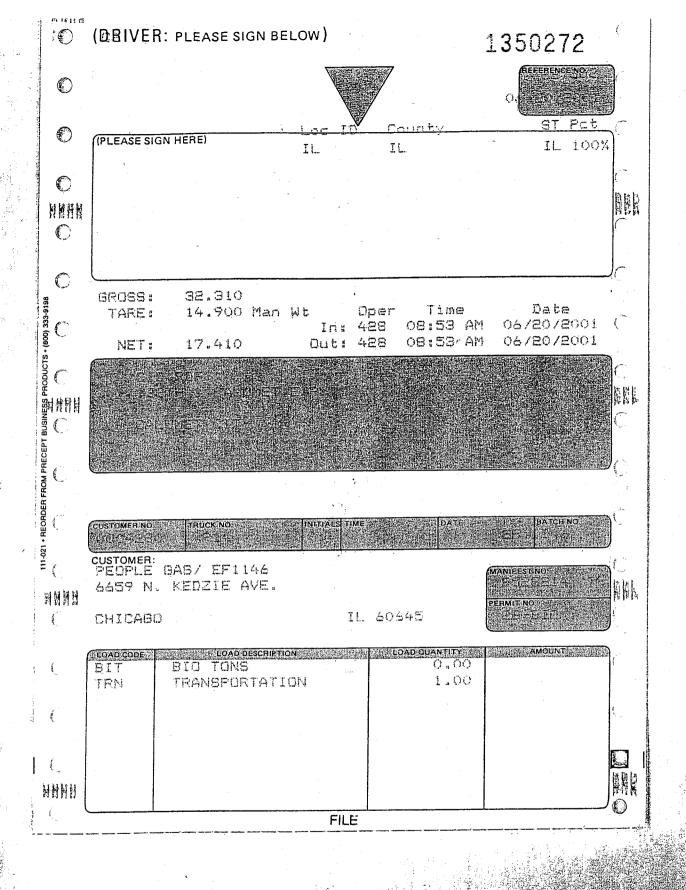




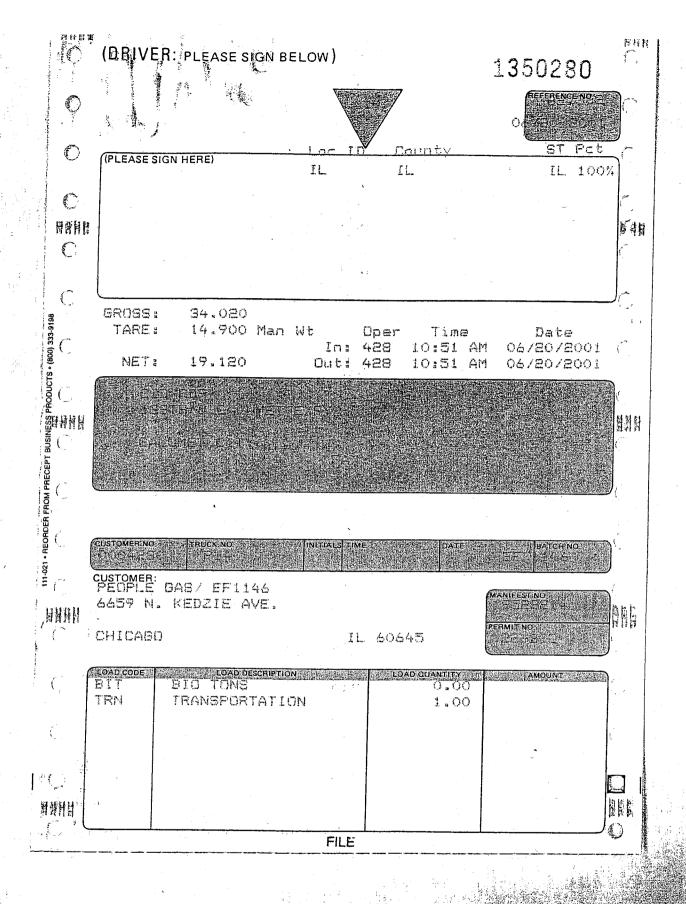


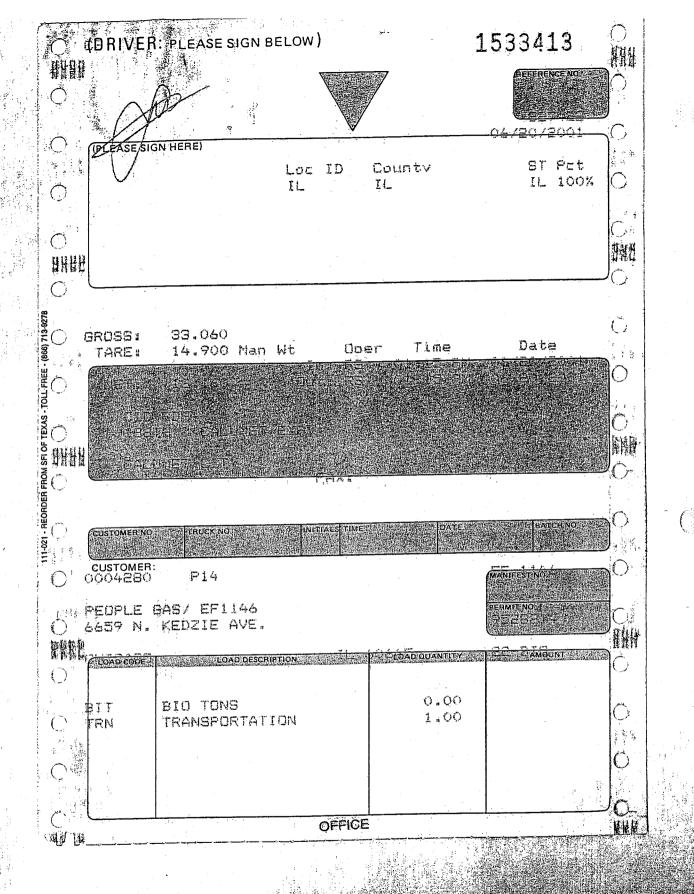


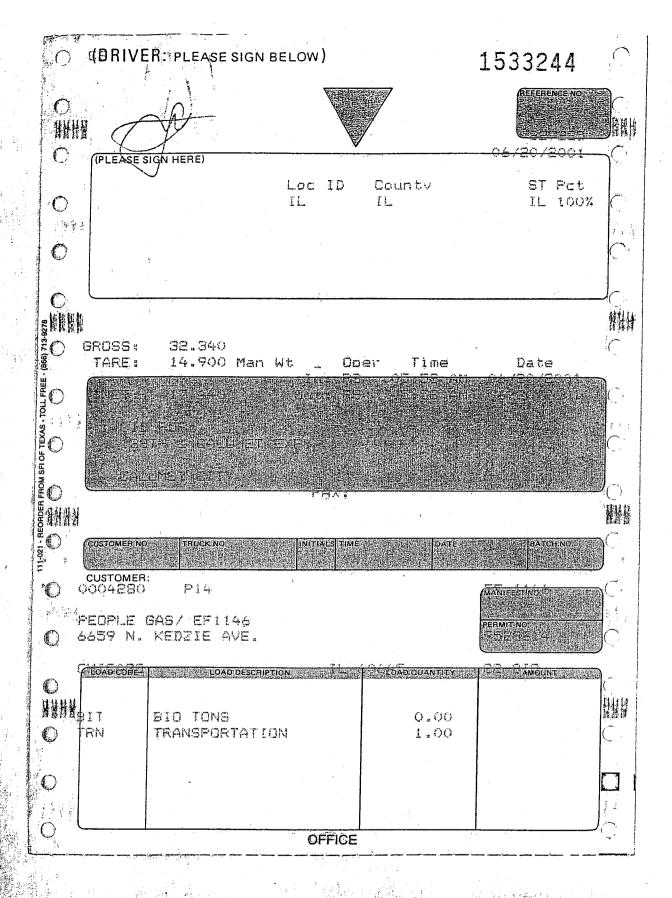


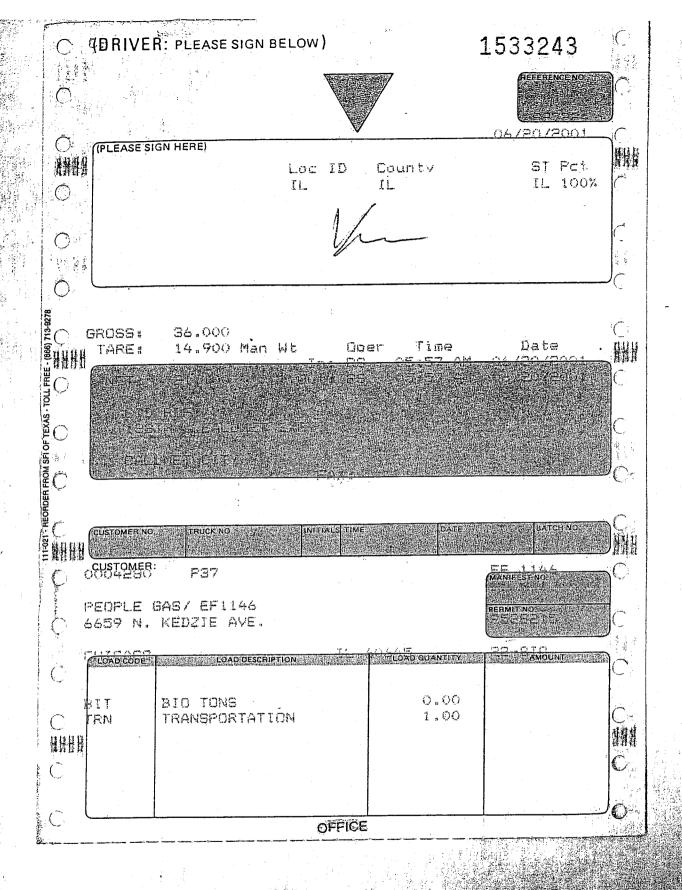


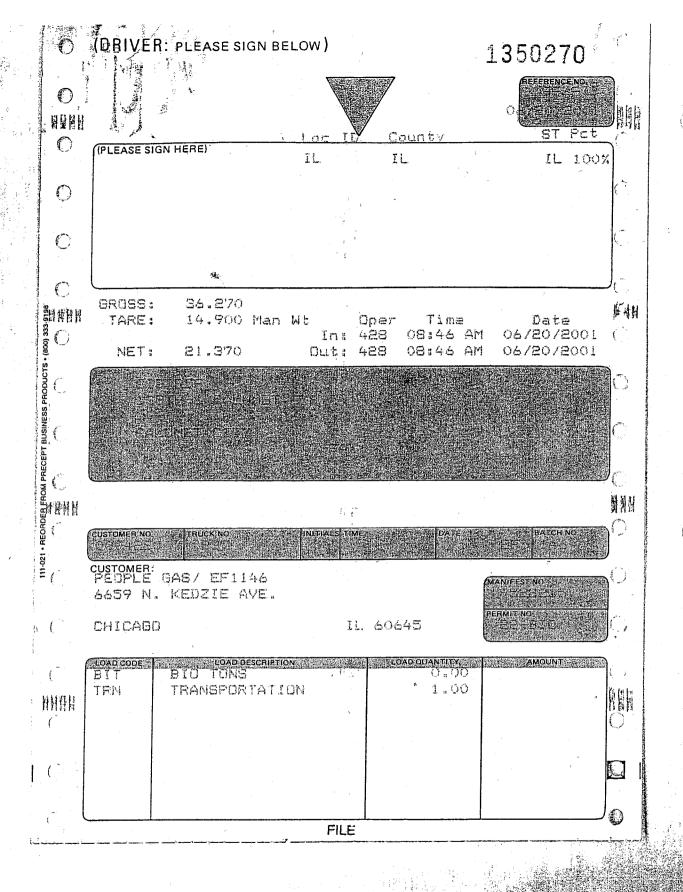
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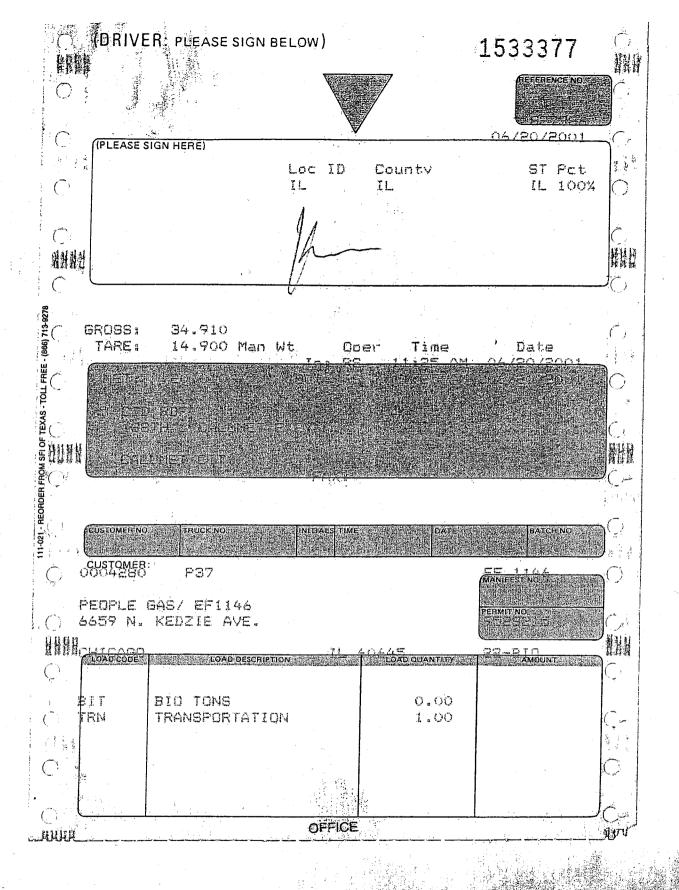


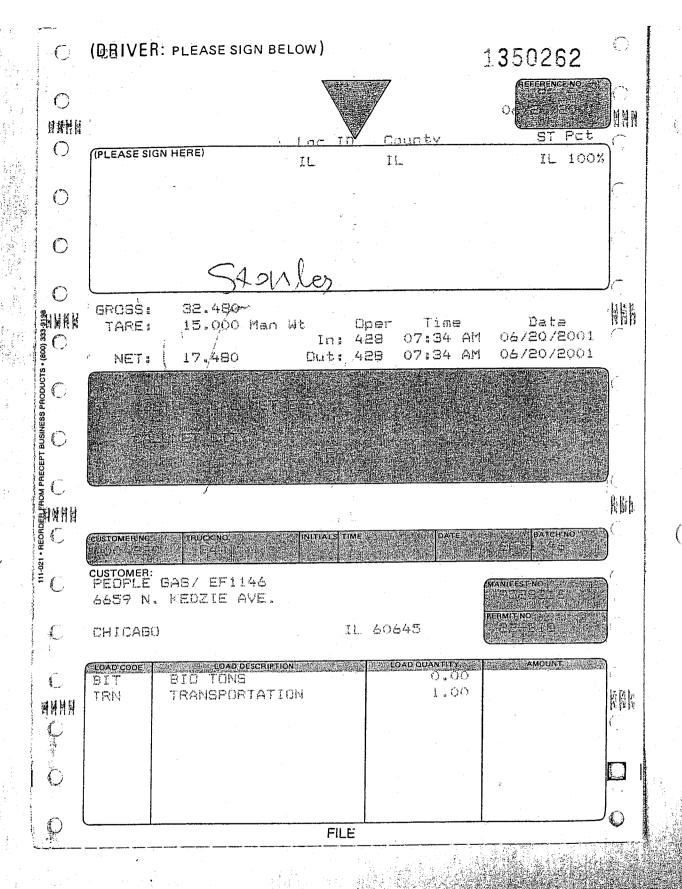


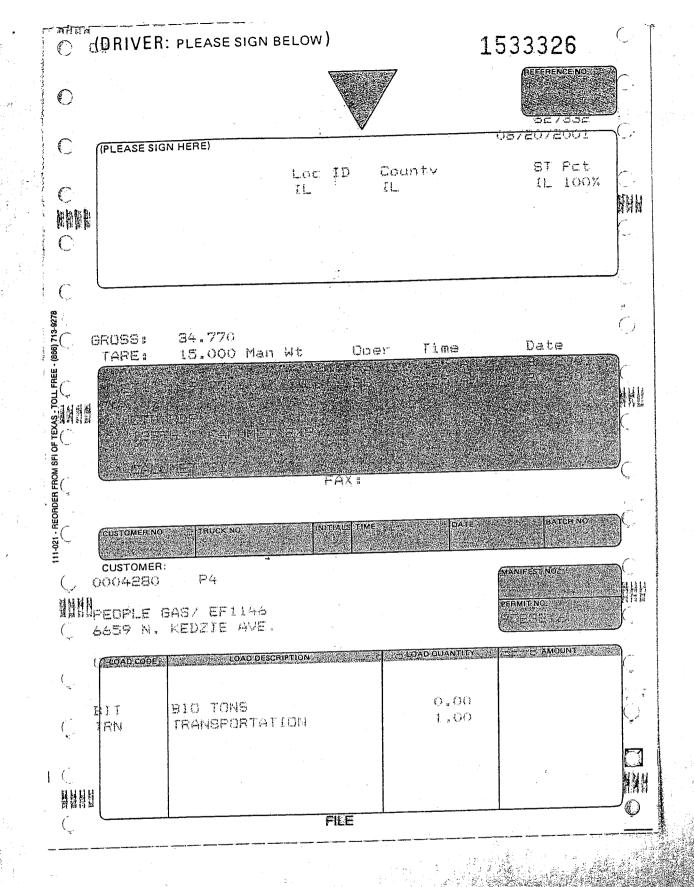


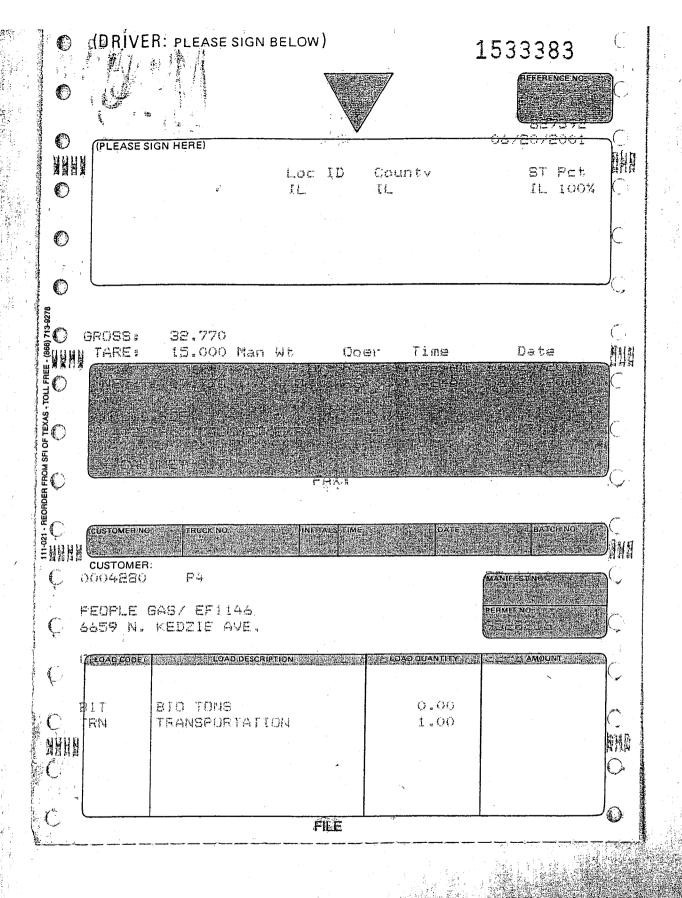


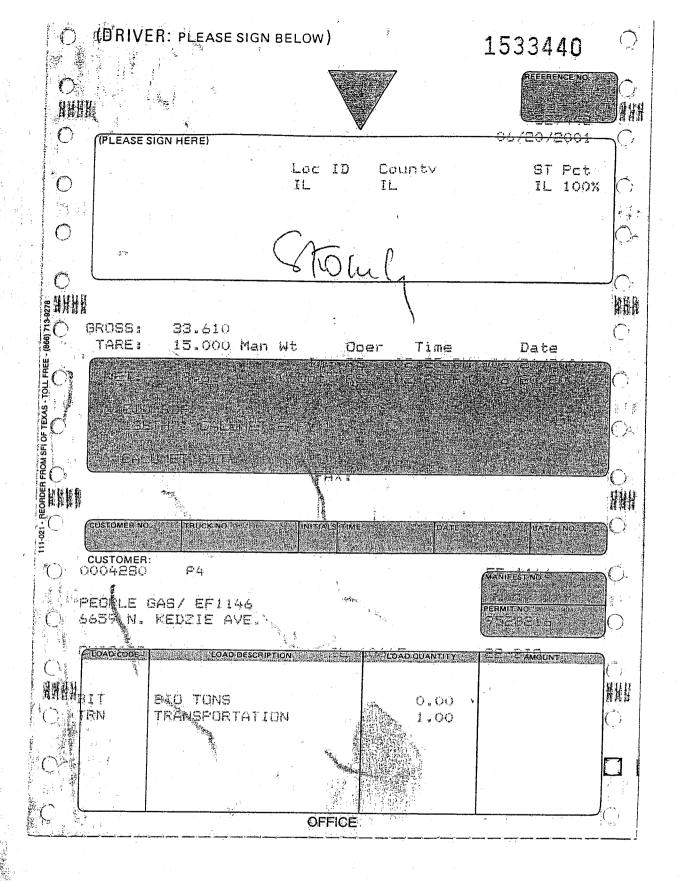


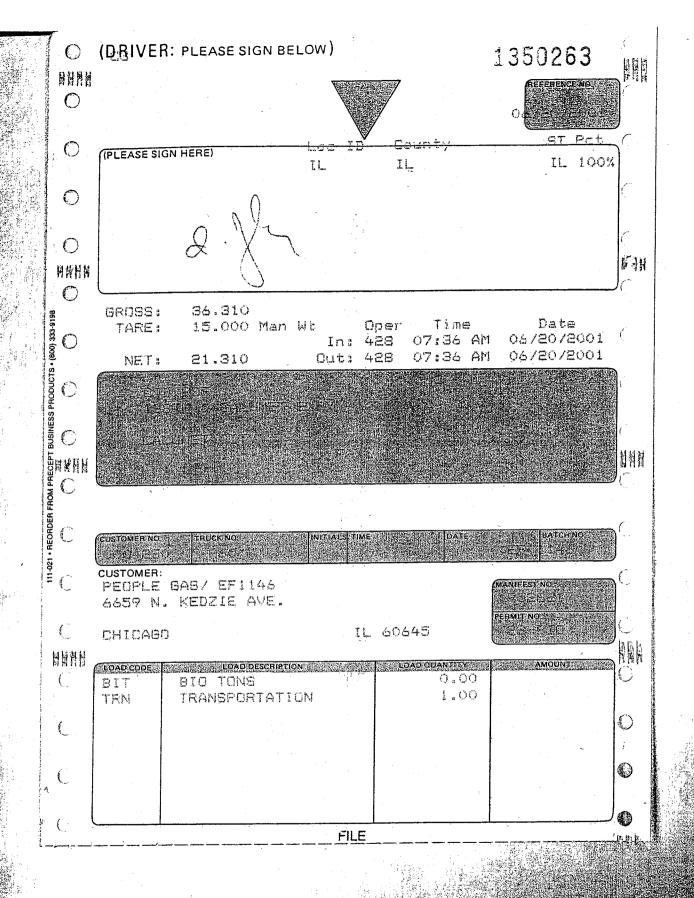


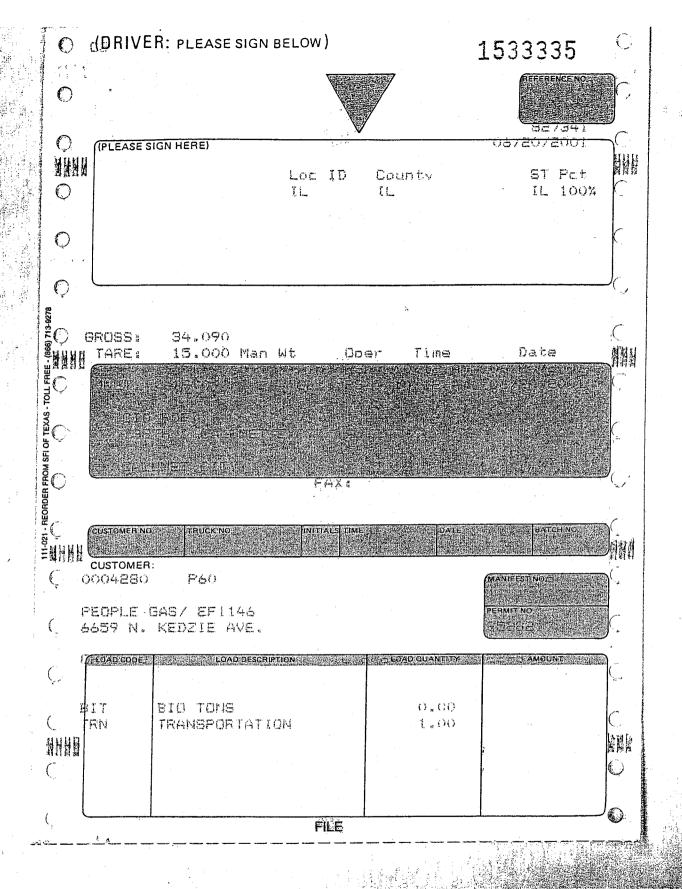


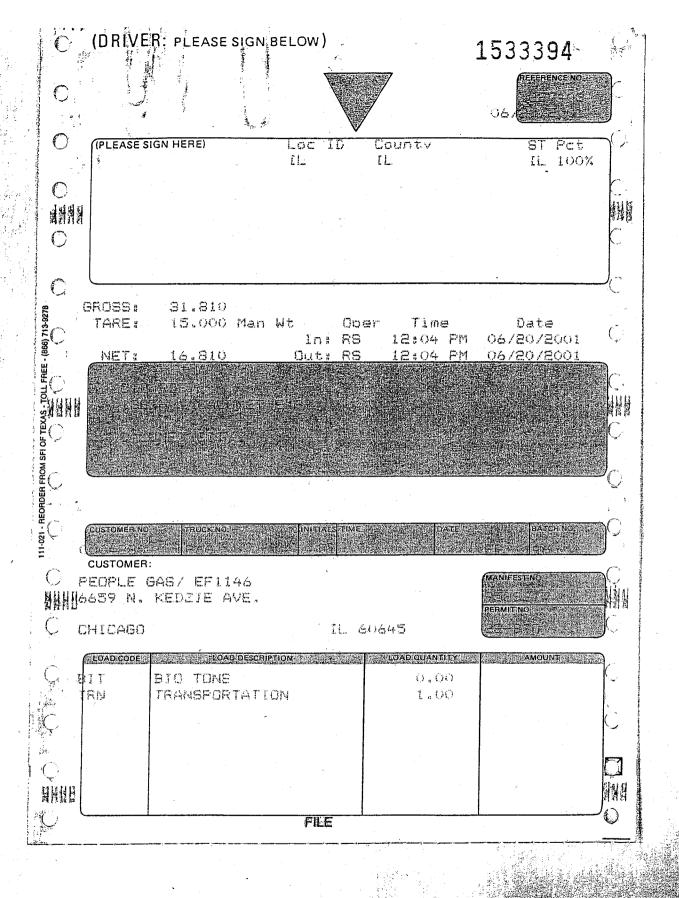


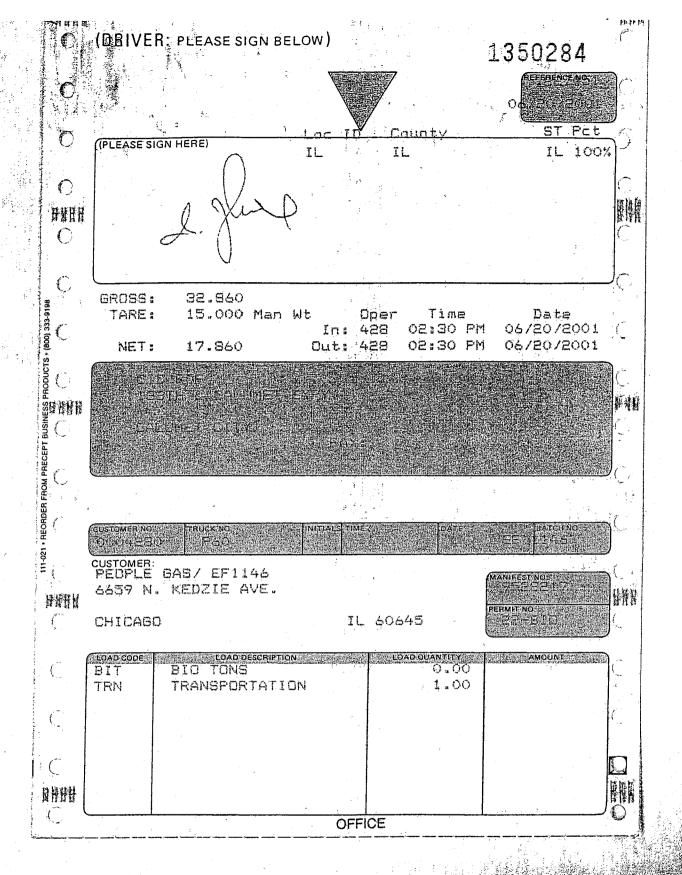


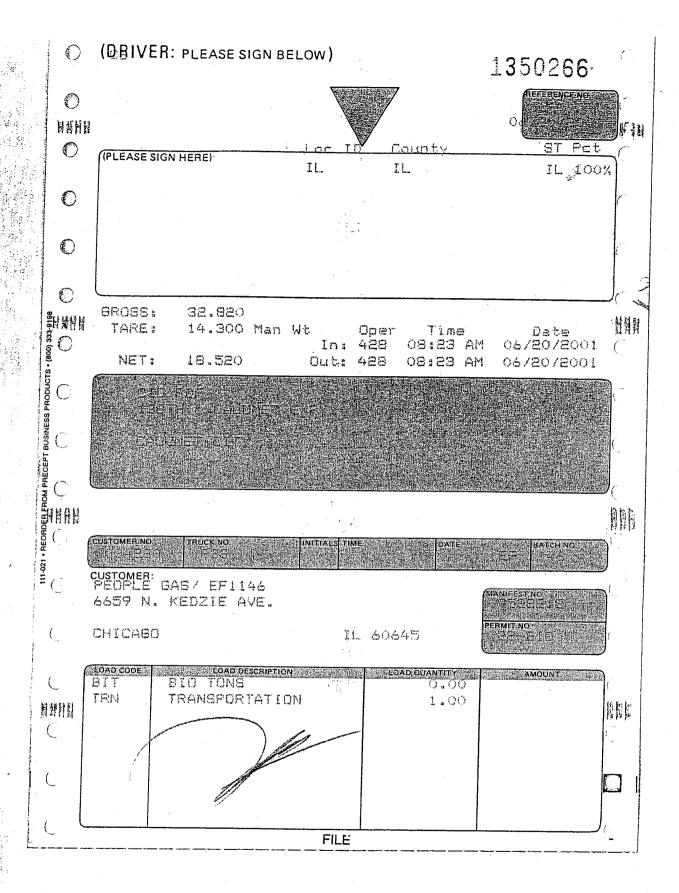


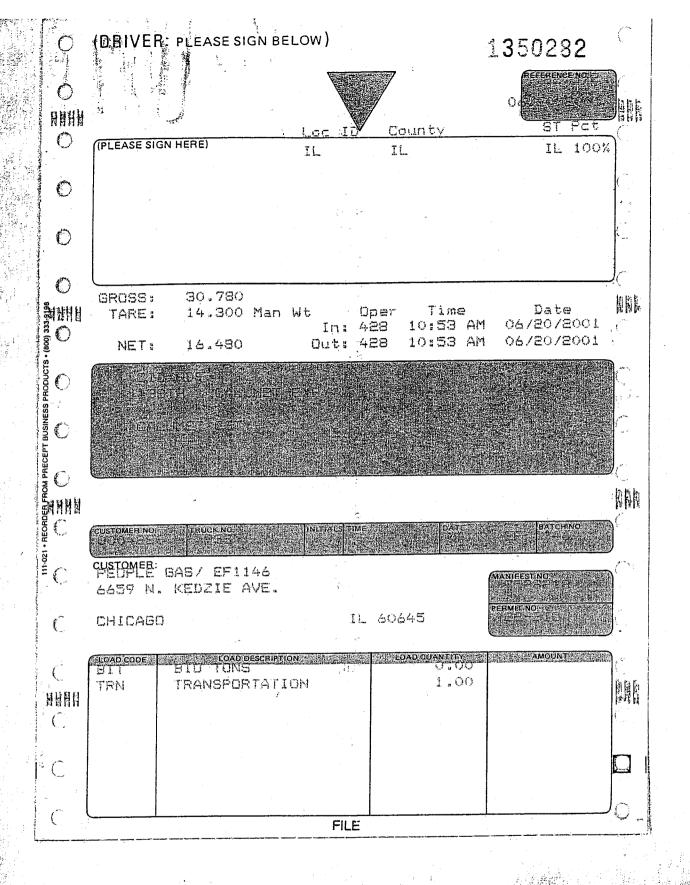


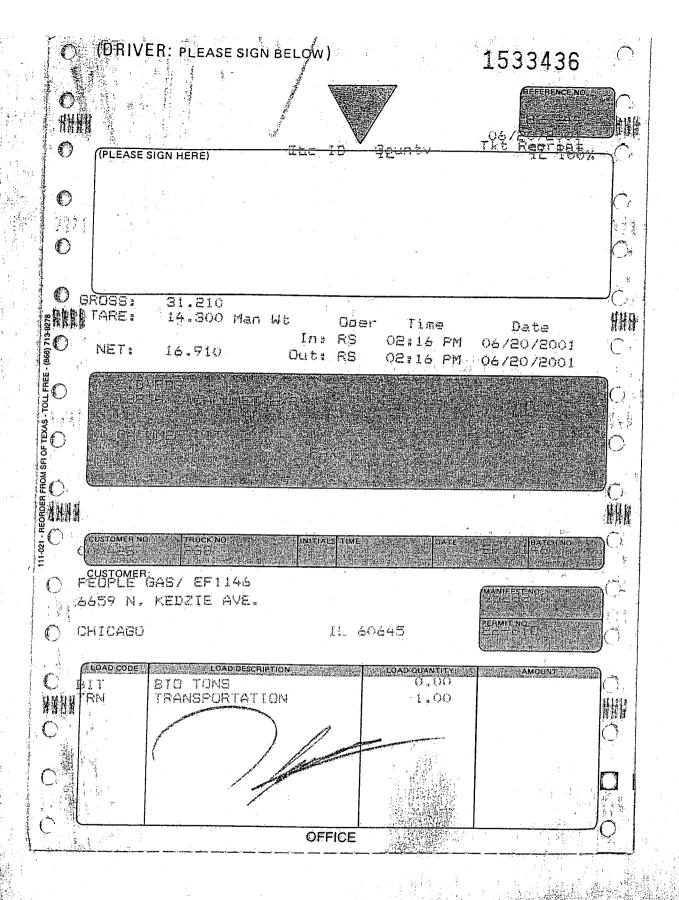


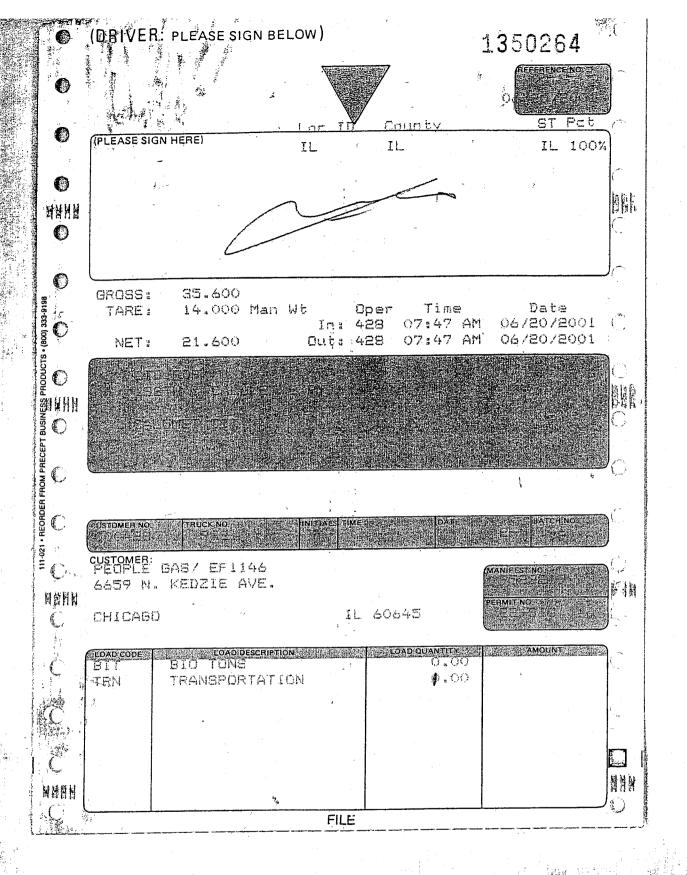


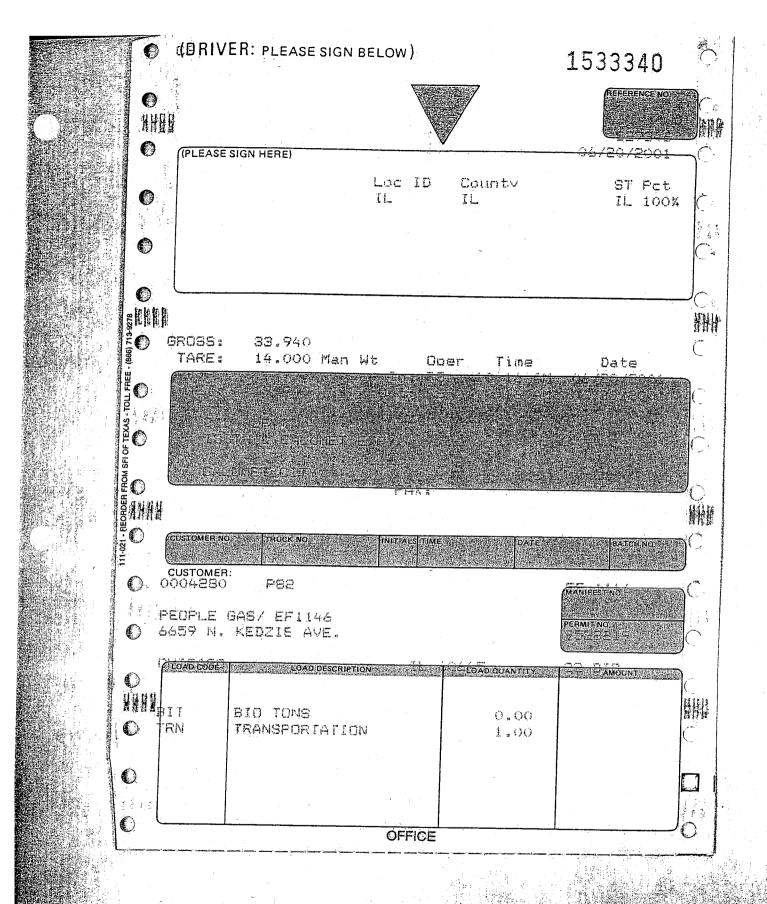


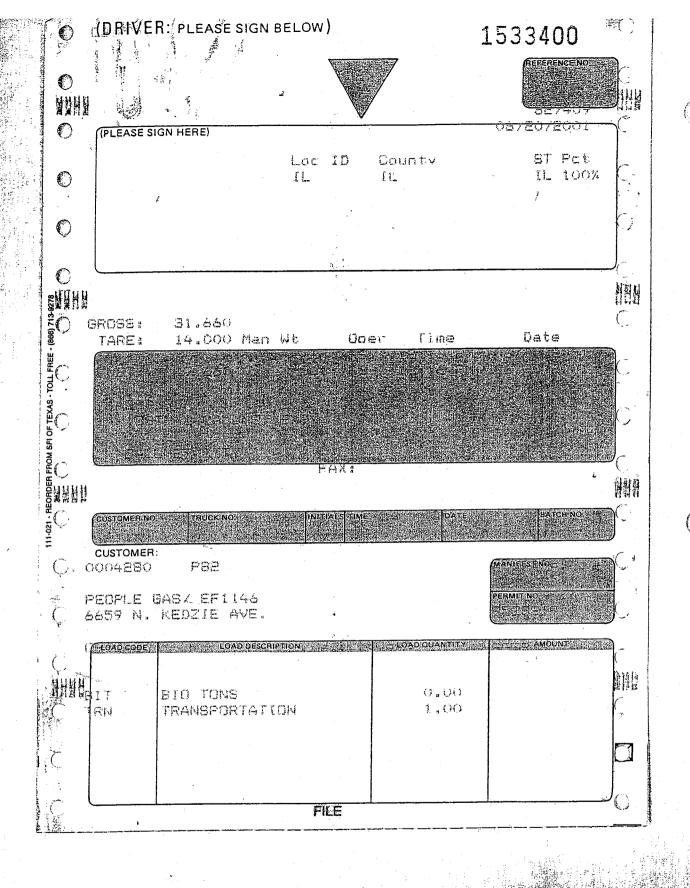


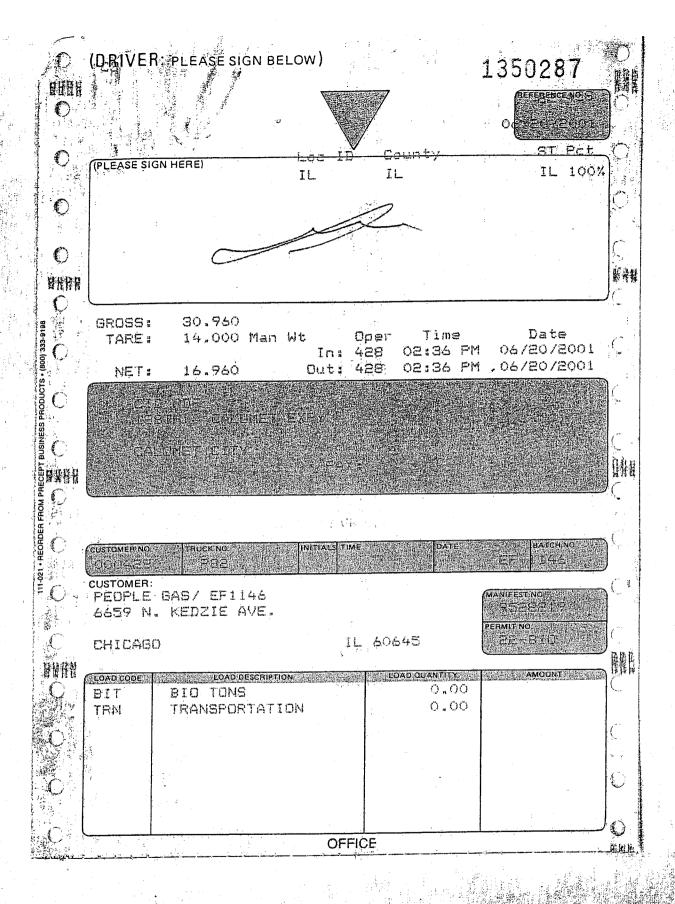


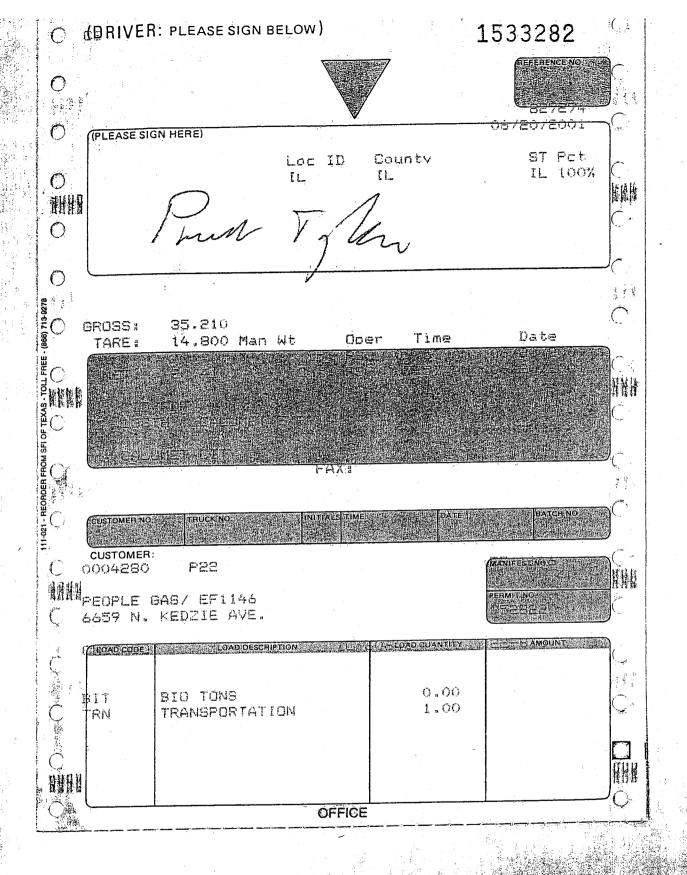


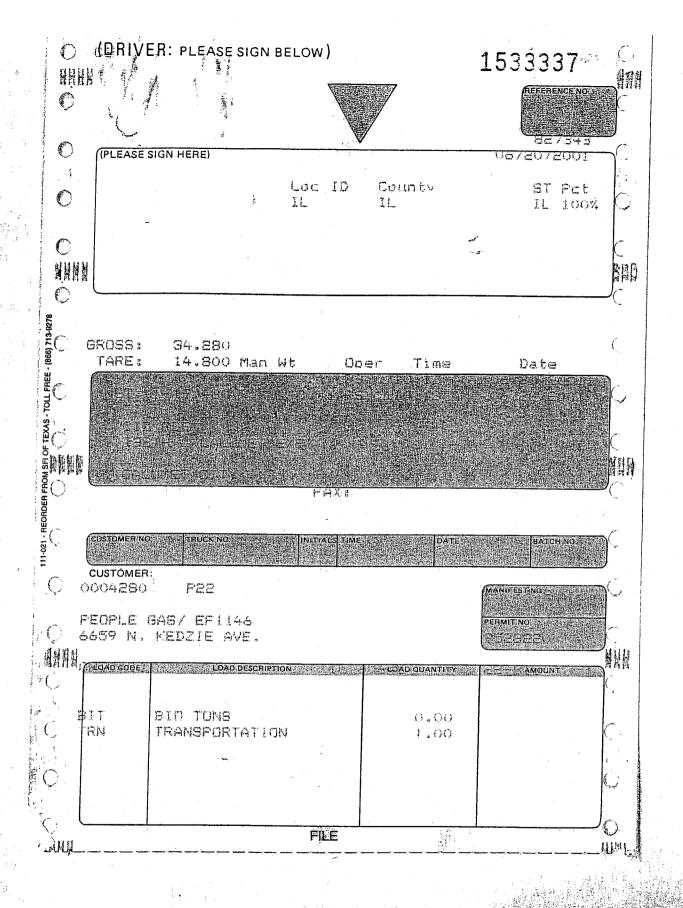


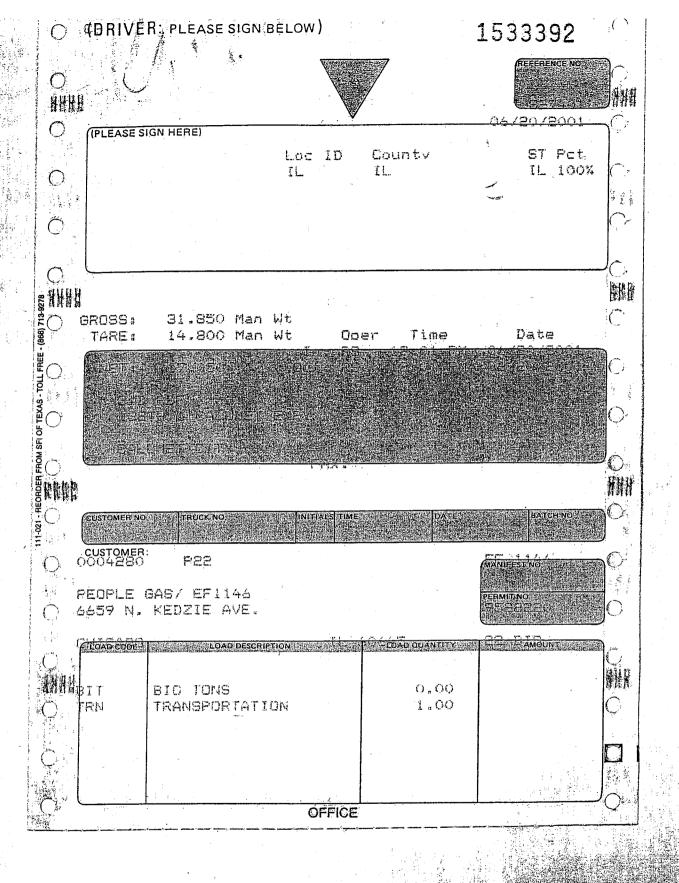


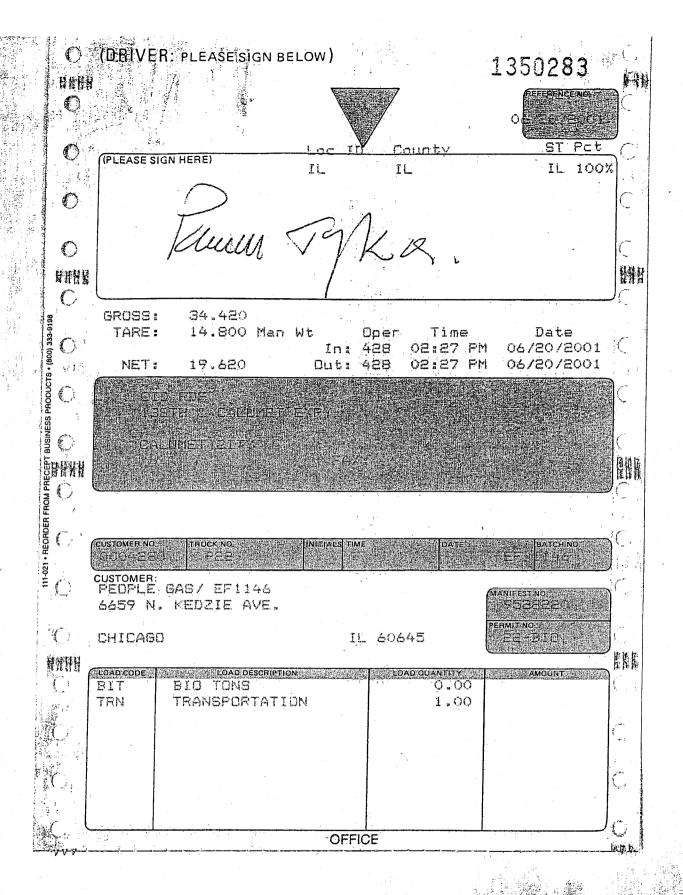


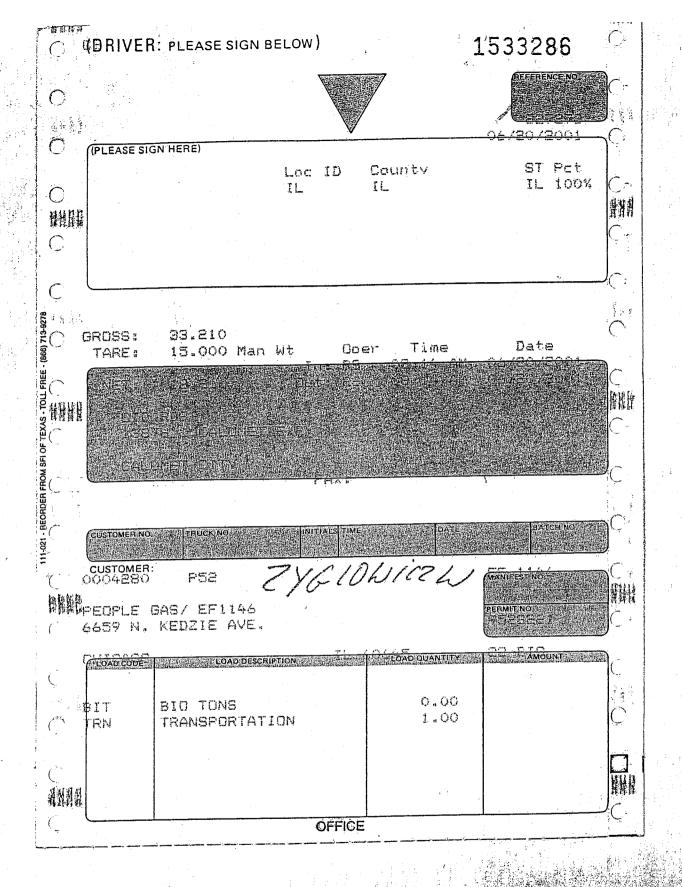


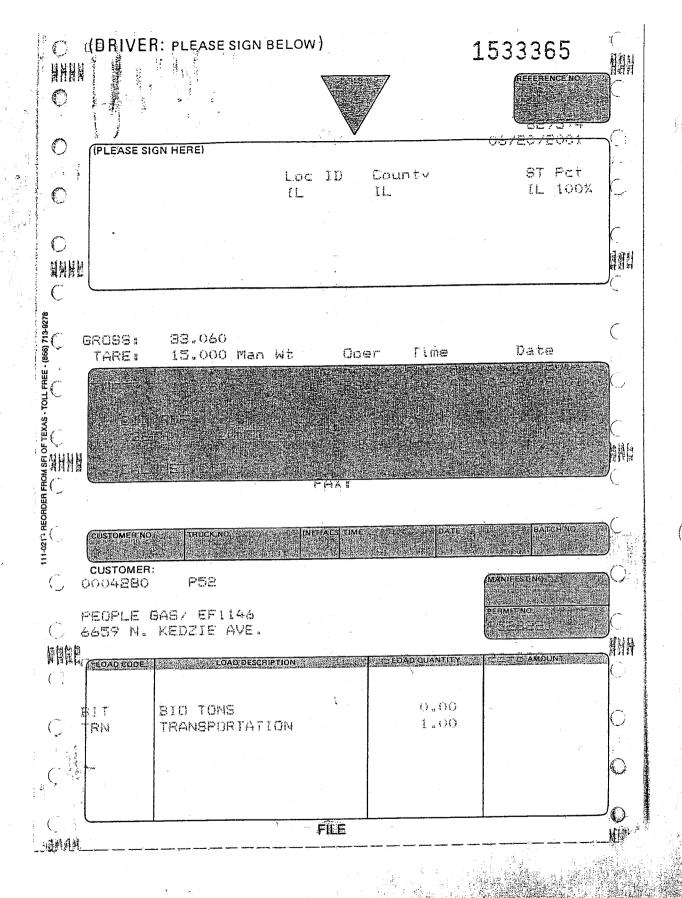


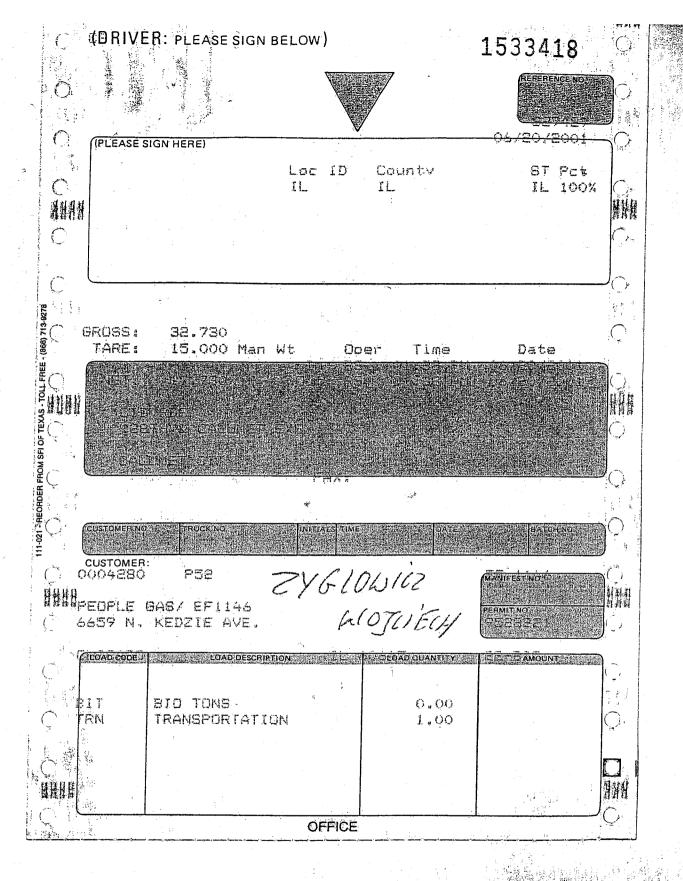


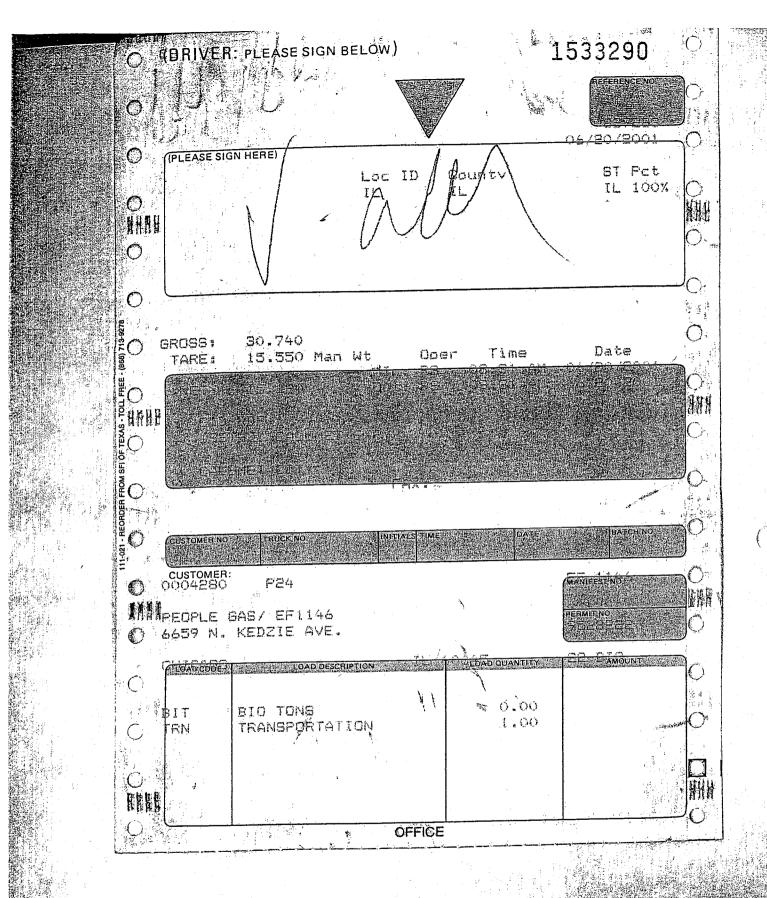


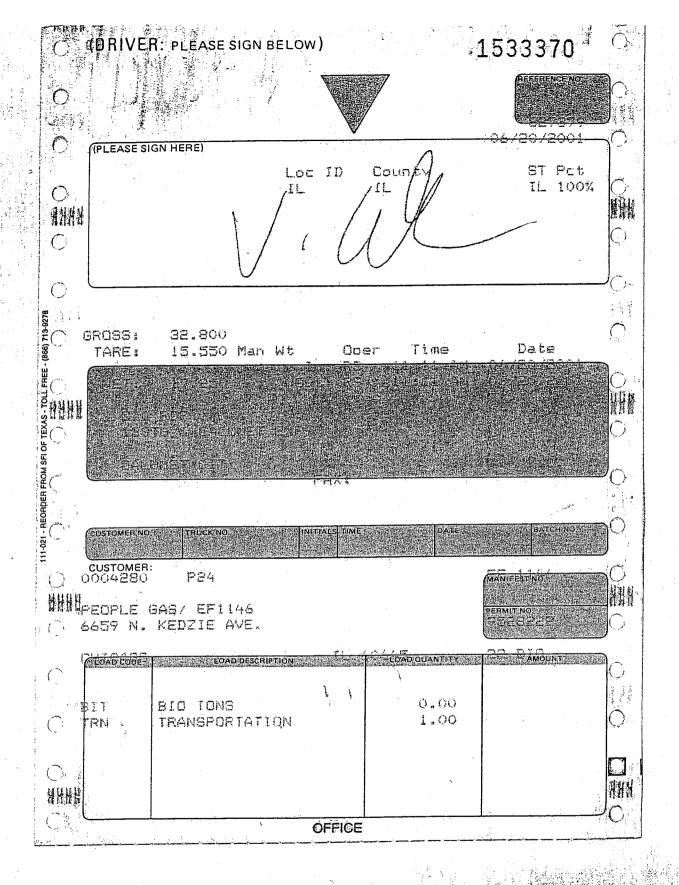












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CID RDF Detail Ticket Listing Date Range: 03/12/2002 - 03/12/2002

12-Mar-02 3:00 PM

		er:0004280	prant F	CARL BEALAS						
Cust #	: 0004280		Name: PEOPLE			mmodity -		Site		
Date	Ticket	Truck # Generator	Profile	Manifest		d Yds	Fee	Yards	Tons	Fees
3/12/20	877206	26	EF 1146.	10110797			-	1.60	14090	\$470.32
					TRN BIT	1.00 0.00	\$185.00 \$285.32 T			
3/12/20	877210	K52	EF 1146	10110798				1.00	17.710	\$543.63
					BIT .	0.00 1.00	\$358.63 T \$185.00	· · · · · · · · · · · · · · · · · · ·	, 	
3/12/20	877211	K19	EF 1146	10110800				1. 60	15790	\$504.75
					BIT TRN	0.00 1.00	\$319.75 \$185.90			
3/12/20	877212	K31	EF 1146	10110799	e e			1.00	15.880	\$506,57
					BIT	0.00	\$321,57 \$185.00	T		
7/12/20	877214	K1101	EF 1148	10110801				1.00	12.610	\$440.35
					BIT TRN	0.00 1,00	\$255.35 \$185.00	T		
3/12/20	87721	5 K20	EF 1146	10110802				1.00	15,460	\$498.07
	10				TRN	0.00	\$185.00 \$313.07	<u>T</u>		
3/12/20	87721	8 K415	EF 1146	10110803				1.00	16.650	5522.16
					TRN BIT	1.00 0.00	\$185.90 \$337.16	<u>T</u>		
3/12/20	87721	9 K21	€F 1146	10110804				1.00	17.610	\$54 1.60
					BIT TRN	1.00	\$356.60 \$185.00	T		
3/12/20	87722	22 K42	EF 1146	10110805				100	16.610	\$521.35
				j	TRN BIT	0.00 0.00	\$185.00 \$336,35			
3/12/20	8772	23 K104	EF 1145	10110806				1.00	15.160	\$4 91.9
					TRN BIT	1.00 0.00	\$185.00 \$306.99			
3/12/2	0 8772	27 K24	EF 1146	10110807				1.00	15.860	\$506,1
					BIT TRN	0.00 1.00	\$321.17 \$185.00			

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CID RDF Detail Ticket Listing

Date Range: 03/12/2002 - 03/12/2002

12-Mar-02 3:00 PM

Data	Ti-to-A	Truck #	Profile	Manifest		Commodity	<i>y</i> ———	s	ite		
Date	Ticket	Generator			Code	Tkt Yds	Fee		ards	Tons	Fee
.3/12/20	877238	K26	EF 1146	10110797							
		1	-						1.00	16.670	\$522.5
					BIT	000	\$337.57	T		(0.0,0	ماحد.
				<u></u>	TRN	1.00	\$185.00				
3/12/20	877243	K19	EF 1146	10110800							
									1.00	20.270	CEOE A
					TRN	1.00	\$185.00			2027 0	\$595.4
	F 11-Minnicologica	MARKET CALLS: NO	10-1		BIT	0.00	\$410,47				
3/12/20	877244	K25	EF 1148	10110798			* *************************************			- 1/2 to	
									1.00	16.480	ôsan n
					TRN	1.00	\$185.00		1.50	10.400	\$518 .7
- Indiana - Indiana - Indiana - Indiana - Indiana - Indiana - Indiana - Indiana - Indiana - Indiana - Indiana		Edit Selven and			BIT	0.00	\$333.72	T			
3/12/20	877245	K20	EF 1148	10110802			4000.1Z			the state of the s	
									1.00		
					TRN	1.00	540c 00		1.00	15.530	5 519.7
					BIT	0.00	\$185.00 \$334.73	_			
3/12/20	877246	K1101	EF 1146	10110801		4.44	6554.75				
)				,					1.00		
					BIT	0.00	7000 ee		1.00	15.270	\$494.2
		_			TRN	0. 00 1.00	\$309.22 \$185.00	T			
3/12/20	877249	K21	EF 1146	10110804		1.00	\$165.00				
			4 , ,,,	(0) (0004							
					7F3.2			•	1.00	15. 48 0	\$498.47
					rn bit	1.00	\$185.00	_			
3/12/20	877250	K415	EF 1146	10110803	011	0.00	\$313.47	Т			
				10110803							
					7.00				1.00	15.290	\$494.62
					BIT TRN	0.00	\$309.62	T			
/12/20	877251	K42	EF 1148	10110805	1704	1.00	\$ 185.00				
				10110605							
								1	.00	19.290	\$575.62
					TRN	1.00	\$185.00				
/12/20	877254	K31	EF 1148	10110700	ВП	0.00	\$390.62	<u>T</u> .	_		
			-F1_1179	101 (0) 39		···					
								₹1	00	18.700	\$563.68
					BIT	0.00	\$378.68	T			
/12/20	877255	K104	EF 1148	4044000	TRN	1.00	\$185.00		2 2		
			EF 1140	10110806							
								1.	.00	16.180	\$512.65
					BIT	000	\$327.65	Т			
/12/20	877258	K24	EF 1148	1014000-	ŢRN	1.00	\$185,00				
	, 200	· • · · · ·	CF 1140	10110807							
								1.	00	16,190	\$512.85
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					BIT	0.00	\$327.85	-			

7/2002 15:37 FAX 1 773 646 6989

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CID RDF

Detail Ticket Listing
Date Range: 03/12/2002 - 03/12/2002

12•Mar-02 3:00 PM

All Trucks, Customer:0004280

Cust #: 0004280

Cust Name: PEOPLE GAS/ EF1146

					J	E GAS/ EF114	MENE. PLOPE	QDDL (: 0004280	
Fees	Tons	Site Yards	Fee	Commodity Tkt Yds	Code	Manifest	Profile *	Truck # Generator	Ticket	Date
						10110797	EF 1146	K28	877265	3/12/20
\$475.99	14.370	1.00								
			\$185.00	1.00	TRN					
		Т	\$290.99	0.00	ВП			-		
						10110800	EF 1146	K19	877266	3/12/20
- 5448.45	13,010	1-00		1-32-4-4	e en sees s					
		т	\$263.45	0.00	BIT					
	- HOUSE COLUMN TO A LONG LAND COLUMN TO A LO	+-10	\$185.00	1.00	TRN	10110798	EF 1146	VE2	877267	3/12/20
\$520.95	16.590	100				10110790	EF 1140	NOZ	017201	3/12/20
\$320.93	10.590	160	\$185.00	1.00	TRN				*	
		T .	\$165,00 \$335,95	0.00	BIT		-			
			3000100			10110802	EF 1146	K20	877268	3/12/20
\$452.30	13,200	100								
0.000	10,200		\$185.00	1.00	TRN					
		τ	\$267.30	0.00	BIT					<i>)</i>
	THE PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TO PERSON NAMED					10110801	EF 1146	K1101	877269	3/12/20
\$407,95	11010	1.00								
			5185 .00	1.00	TRN "					
		T	\$222,95	0.00	BIT					
						10110604	EF 1146	K21	877270	3/12/20
\$4B4_30	14.780	1.00								
		 -	\$185.00	1.00	TRN					
·			\$299.30	0,00	BIT	10140000	EF 1146	VA1E	877271	3/12/20
FEOR AC	16 980	1.00				10110803	EF 1140	K410	0//2/	3/ 12/20
\$526.42	16.860		\$341.42	0.00	817					
		•	\$185.00	1.00	TRN					
	. 					10110799	EF 1146	K31	877272	3/12/20
\$489 .97	15.060	1.00								
		т	\$ 304.97	0.00	BIT		the many management of			
			\$185.00	1.00	TRN				·	····
						10110606	EF 1148	K104	877273	3/12/20
\$451.49	13.160	∢ 1.00								
		Τ	\$266.49	0.00	BIT					
			5185.00	1.00	TRN					
						10110805	EF 1146	K42	877274	3/12/20
\$545.05	17.780	100								
		.	\$185.00 \$360.05	1 <u>.00</u> 0.00	TRN BIT					
		<u> </u>	4000,00			10110798	EF 1146	K52	877282	3/12/20
\$471.34	14.140	1.00					- . , - -)
क्त ा.d≒	1-7144		\$185.00	1.00	TRN					
		T	\$286,34	0.00	BIT					
	519740									

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CID RDF Detail Ticket Listing Date Range: 03/13/2002 - 03/13/2002

14-Mar-02 7:14 AM

Cust #	#: 0004280	Cust	Name: PEOPLI	e gasi epita				4 44		
Date	Ticket	Truck # Generator	Profile	Manifest	Code	Commodity Tki Yds	Fee	Landfill Yards	Tons	Fees
3/13/20	377326	K99	EF 1146	10110808						•
	~		•					1.00	12.830	\$440.76
					TRN	1.00	\$185.00			
					<u> </u>	0.00	\$25 5.76	Τ		
3/13/20	377334	K31	EF 1146	10110809						
								1.00	12.880	\$445.82
					BIT	0-00	\$260.82	Τ		
					TRN	1.00	\$185.00	***	# 	
3/13/20	877335	K26	EF 1146	10110810						
								1.00	13,850	\$465,46
					SIT	00,0	\$280.46	T		
					TRN	1.00	\$185.00			
3/13/20	877337	K11	ef 17 48	10110811						
								1.00	14.580	\$480.25
					BIT	0.00	\$295.25	T		
					TRN	1.00	\$185.00	, , , , , , , , , , , , , , , , , , , ,		
3/13/20	877344	K52	EF 1146	10110812						
								1.00	16.230	\$513.66
					BIT	000	\$328.66	Τ		
	•				TRN	1.00	\$185.00			
3/13/20	877348	K21	EF 1146	10110813						
								1.00	14.030	8469 .17
					BIT	0.00	\$284.17	T		
					TRN	1.00	\$185.00			
3/13/20	877351	K104	EF 1146	10110814				4.00		#400.04
								1.00	12.030	\$428.61
					TRN	1.00	\$185.00			
					BIT	0,00	\$243.61	Τ		
3/13/20	877353	K82	EF 1146	10110815						2405.0
								1.00	14.830	\$485.31
					BIT	0.00	\$300.31	Т		
					TRN	1.00	\$185,00	·		
3/13/20	87 7354	K20	EF 1146	10110816				4.00	44.090	5488,3
								1.00	14.980	3400,3
					BIT	0.00	\$303.35	7		
			-		TRN	1.00	\$185.00			
3/13/20	87 7 360	K1107	EF 1146	10110818	•			4 00	44.000	6406.0
								1.00	11.900	\$425.9
					BIT	0.00	\$240.98 \$485.00	Т		
				40	TRN	1.00	\$185.00		9 a 11 40 41	
3/13/20	8 77 36	K19	EF 1146	10170817				1.00	14 570	\$480.0
ı					, m	a 00	#20E 64		14.570	⊅ ++ ₽∪.∪
					BIT	0.00	\$295.04	j.		

GTS 130

CID ROF

Detall Ticket Listing

Date Range: 03/13/2002 - 03/13/2002

14-Mar-02 7:14 AM

Cust #	r: (1004280		Name: PEOPLE			ommodity -		Landfill		
ate	Ticket	Truck # Generator	Profile	Manifest		Tkt Yds	Fee	Yards	Tons	Fees
/13/20	877364	K42	EF 1146	10110820			red.	1,00	16.380	\$516.70
					BIT TRN	0,00 1.00	\$331.70 \$185.00			
3/13/20	877367	K415	EF 1146	10110819				1.00	13.290	\$454.12
					BIT TRN	0.00 1.00	\$269.12 \$185.00	T		
13/20	877377	K24	EF 1146	10110821				1.00	16.110	\$490.98
	ă.			1	BIT	0.00	\$305.98 \$185.00	T 		
/13/20	877401	K26	EF 1146	10110810				100	17.070	\$530.67
				- CHICAGON AND AND AND AND AND AND AND AND AND AN	BIT TRN	0.00 1.00	\$345,67 \$185.00	T		
3/13/20	87740	4 K11	EF 1146	10110811				1.00	17.850	\$548.46
					TRN BIT	1.00	\$185.00 \$361.46	T		
3/13/20	87740	7 K52	EF 1146	10110812				1.00	18,230	\$554.10
					BIT TRN	0.00 1.00	\$389.16 \$185.00	T 		
3/13/20	87740	9 K31	EF 1146	10110809				1.00	16.230	\$513.6
					BIT TRN	0.00 1.00	\$323.68 \$1 <u>85.00</u>	T		
3/13/20	87741	2 K21	EF 1146	10110813				1.00	18.060	\$550.7
			-		BIT TRN	0.00 1 <u>.00</u>	\$365.72 \$185.00	T		
3/13/20	0 8774	16 K20	E F 1146	10110816				1.00	17.140	\$532.0
					BIT TRN		\$347.09 \$1 <u>85.00</u>	`T		
3/13/2	0 8774	17 K99	€F 1148	10110608	3			1.00	18.690	\$563.4
,			apt Minima		TRN BIT		\$185.00 \$378.47			
3/13/2	8774	18 K82	EF 1148	10110815				1.00	16.710	\$523 .
					TRN BIT		\$185.00 \$338.38			

GTS 130

CID RDF

Detail Ticket Listing

Data Range; 03/13/2002 - 03/13/2002

14-Mar-02 7:14 AM

Cust #	: 0004280		Name: PEOPL			Commodity	<u> </u>	Landfill		
Date	Ticket	Truck # Generator	Profile	Manifest	Code	Tick Yds	Fee	Yarde	Tons	Fees
3/13/20	877419	K104	EF 1146	10110814			-	1.00	16.830	\$525.81
					віт	0.00	\$340.81 T		10.000	3020.01
					TRN	1.00	\$185.00			
3/13/20	877422	K1101	EF 1146	10110818						
								1.00	12.760	\$443.39
					AIT TRN	0.00 1.00	\$258.39 T \$186.00	.		
3/19/20	877425	K19	EF 1146	10110817	130		1 100.00		<u> </u>	
	0, 1,00		=	751105				100	18.820	\$588.11
					BIT	0.00	\$381.11	Γ		
					TRN	1.00	\$185.00			
3/13/20	877430	K42	EF 114 6	10110820				1.00	16.830	\$525.81
					BIT	0.00	\$340.81			, , , , , , , , , , , , , , , , , , ,
					TRN	1.00	\$185.00			
3/13/20	877431	K415	EF 1146	10110819						
					BIT	0.00	E247 40 '	1.00	15.670	\$502.32
					TRN	0.00 1.00	\$317.32 \$185.00	Į.		
3/13/20	877445	K24	EF 1146	10110821	-					
								1,00	16.620	\$ 521.56
					TRN BIT	1.00 0.00	\$185.00 \$336.56	~		
3/13/20	877455	K26	EF 1146	10110810		0,00	4000.00	'		
	3,113	, , , , ,						1.00	15.790	\$504.75
					BIT	0.00	5319,75	T		
					TRN	1.00	\$165.00			
3/13/20	877456	K11	EF 1146	10110811				1.00	19.050	\$570.76
					віт	0.00	\$385,76			
	-				TRN	1,00	\$185.00	<u> </u>		
3/13/20	877459	K52	EF 1146	10110812				1.00	40.000	8 87 4 4
					BIT	0.00	\$389.4 1	•	19.230	\$874.4
					TRN	1.00	\$185.00			
3/13/20	877460	K31	€F 1146	10110809						
								1.00	17.790	\$545.2
					BIT TRN	0.08 1.00	\$360.25 \$185.00	Т		
3/13/20	877462	K20	EF 1146	10110818	,			-		
								1.00	15.330	\$495,4
					BIT		\$310.43	T		
-					TRN	1.00	\$185,00			

14-Mar-02 CID RDF GTS 130 Detail Ticket Listing 7:14 AM Date Range: 03/13/2002 - 03/13/2002 All Trucks, Customer:0004280 Cust Name: PEOPLE GAS/ EF1146 Cust #: 0004280 ---- Commodity -Landfill Truck# Profile Manifest Fees Fee Yards Tons Code Tkt Yds Ticket Generator Date 377464 K21 10110813 EE 1146 3/13/20 1,00 16.750 \$524.19 \$339,19 T 0.00 BIT TRN 1.00 \$185.00 3/13/20 877466 K82 EF 1146 10110815 \$555.98 1.00 18.320 \$370.98 T 0.00 BIT \$185.00 TRN 1.00 10110814 3/13/20 877467 K104 EF 1148 1,00 17.180 \$532,90 BIT 0.00 \$347.90 T TRN 1,00 \$185,00 EF 1146 10110817 3/13/20 - 877469 K19 \$528.64 1.00 16.970 \$185.00 1.00 TRN BIT 0.00 \$343,54 T EF 1146 10110819 877471 K415 3/13/20 1.00 16,180 \$512.65 BIT 0.00 \$327.65 T \$185.00 TRN 1.00 10110820 3/13/20 877472 K42 EF 1146 \$523.99 1.00 16,740 BIT 0.00 \$338,99 7 1.00 \$185<u>.0</u>0 TRN 877473 K1101 EF 1146 10110818 3/13/20 1.00 14.980 \$488.35 0.00 \$303.35 BIT \$185.00 TRN 1.00 3/13/20 877489 K24 EF 1146 10110821 1.00 17.090 \$531.07 BIT 0.00 \$346.07 T TRN \$185.00 EF 1146 10110812 3/13/20 877498 K52 1.00 17,450 \$538.36 \$185.00 TRN 1.00 BIT 0.00 \$353.36 T 673.650 \$21,411.49 42 Totals: 42.00

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CID RDF Detail Ticket Listing Date Range: 03/14/2002 - 03/14/2002

14-Mar-02 4:20 PM

Cust #: 0004280	Cust Name: PEOPLE GAS/ EF1146
7-	COPLE GAS/ EF1146

Dai	te	Ticket	Truck # Generat	ust Name: PE Profile	Manifes		Comm	odity				
3/1	4/20	877585		EF 114	6 10110 5 2	Code	Tkt Y	ds Fee	;	Landfill Yards	Tons	Fed
3/14	· ·	877587	K11	EF 114		TRI Bi		4,44		1.00	17.380	\$536.9
3/14/	20	877588	V 00			BIT TRN		0 \$373.	61 7	1.00	18.450	\$558.6
3/14/2				EF 1146	a star	BIT. TRN	, ,	\$390.6)2 T	1.00	19.260	\$575.02
3/14/20	0	877604 K	104	EF 1146	10110825	TRN BIT	1.00 0.00	\$185.00 \$393.46	 o	1.00	19.430	\$578.46
3/14/20		377610 K1	- 1101	EF 1146	10110827	BIT TRN	0-60 1.00	\$365.11 \$185.00	۲	1.00	18.030	\$550.11
3/14/20	 8'	77617 KS	2	EF 1146	10110828	BIT TRN	0 <u>.</u> 00 1.00	\$306.18 \$185.00	T	1.00	15.120	\$491.18
3/14/20	87	7619 K31		EF 1146	10110829	TRN BIT	1,00 0.00	\$185.00 \$420.39	T	1.00	20.760	\$605.39
/14/20	. 877	7622 K42		EF 1146	10110830	BIT TRN	0.00 1.00	\$341.01 \$185.00		1.00	16.840	\$526.01
14/20	877	629 K40		EF 1146	10110831	BIT TRN	0.00 1.00	\$341.82 7 \$185.00		1.00	16.880	\$526.82
4/20	8776	581 K20				TRN BIT	1.00	\$185,00 \$346,68 T		.00	17.120	\$531.88
ad as <u>a</u>							1.00 3.00	\$185.00 \$351.74 T	1.:	00	17.370	\$836.74

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CID RDF Detail Ticket Listing

14-Mar-02 4:20 PM

Date Range: 03/14/2002 - 03/14/2002

	#: 0004280	Truck#	Name: PEOPL Pr et ile	Manifest		Commodity		Landfill		
Date	Ticket	Generator	7101116		Çodə	Tkt Yds	Fee	Yards	Tons	Fees
3/14/20	877684	K11	EF 1146	10110823			-			
•								1.00	17,790	\$545,25
					TRN	1.00	\$185.00			
				BIT	0.00	\$360.25	۲ _			
3/14/20	877693	K26	EF 1146	10110822						
								1_00	16.420	\$517.51
					TRN	1.00	\$185.00			
					BIT	0,00	\$332.51	т		
3/14/20	877706	KR2	EF 1146	10110825						1
Q! 1-120	017700	NOZ	Ci 1100	70110000				1.00	12.850	5445,21
					BIT	0.00	\$260.21		12.220	• · · · · · · · · · · · · · · · · · · ·
					TRN	1.00	\$185.00	1		
0/44/00	A777A7	1/404	EF 1146	10110826	1146				-	
3/14/20	877707	K104	EF 1146	10110026				1.00	44 600	0400 AB
									14.580	\$480.25
					BIT	0.00	\$295.25	T		
			CONTRACTOR OF THE PERSON OF TH		TRN	1,00	\$185.00		111	-
3/14/20	01777 8	K1101	EF 1146	10110827						
								1.00	12.400	\$436.10
				BIT	0.00	\$251.10	T			
		- IR-			TRN	1.00	3 185,00			
3/14/20	877717	K52	EF 1146	10110828						
								1.00	16.410	\$517.30
					BIT	0,00	\$332.30	Т		
			3		TRN	1.00	\$185-00			
3/14/20	877719	K31	EF 1146	10110829	_	•				
								1.00	12,830	\$444.81
					TRN	1.00	\$185.00			
					BIT	0.00	\$259.81	T		
3/14/20	877723	K42	EF 1146	10110830		1				. 12
0,10	-,,,,,,	,,,,,						1.00	12.010	\$428.20
					ВІТ	0.00	\$243.20		721010	
			_		TRN		\$185,00	1		
3/14/20	877725	VO0	EF 1146	10110824	','',',					
3/14/20	911723	Vea	EF 1160	10110024				1.00	44.540	#100 40
					.		********	₹	11.510	\$420.10
				BIT	0.00	\$235.10	ı			
		1440			TRN	1,00	\$185.00	-		
3/14/20	877735	K40	EF 1146	10110831						
								100	18.950	\$568.74
					TRN	1.00	\$185.00			
		· · · · · · · · · · · · · · · · · · ·			BIT	0.00	\$383.74	T		
3/14/20	877768	K11	EF 1146	10110823						
								1.00	17.420	\$537.76
					YRN	1.00	\$185.00			
					BIT	0.00	\$352.76	T		

14-Mar-02

4:20 PM

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CID RDF

Detail Ticket Listing

Date Range: 03/14/2002 - 03/14/2002

All Trucks, Customer:0004280

Cust #: 0004280 Cust Name: PEOPLE GAS/ EF1146

	F; 0004280	Truck #	Profile	Manifest		Commodity		Landfill		
Date	Ticket	Generator	Prome	Statistics.	Code	Tkt Yds	Fee	Yards	Tons	Fees
3/14/20	877777	K26	EF 1146	10110822				1.00	15.950	\$507.99
							2405.00	1.00	15.350	\$507.55
					TRN BIT	1.00 0.00	\$185.00 \$322.99	Τ		
				40440007			3322.30	·		
3/14/20	877784	K1101	EF 1146	10110827				1.00	11.250	\$412.81
					віт	000	\$227.81			
					TRN	1.00	\$185.00			
3/14/20	877786	K82	E F 1148	10110825			CONTRACTOR OF THE PARTY OF THE			
3/14/20	011100	7402		,				1.00	17.230	\$533.91
					TIB	۵.0۵	\$348.91	Т		
					TRN	1.00_	\$185.00			
3/14/20	877787	K104	EF 1148	10110826						
								1.00	17.120	\$531.68
					TRN	1,00	\$185.00			
	-				BIT	0,00	\$346.68	<u>T</u>		
3/14/20	877791	K52	EF 1 146	10110828				4.00		m400 90
								1,00	15.200	\$492.80
					BIT	0.00	\$307.80	Τ		
					TRN	1.00	6185.00			
3/14/20	877792	K31	EF 1145	10110829				1.00	14.210	\$472.75
					TRN	1.00	\$185.00			
					BIT	0,00	\$287.75	т		
3/14/20	877795	K42	EF 1146	10110830		-				
W 1-W 2-Q	971755	14740						1_00	15.900	\$506.98
					BIT	0.00	\$321.98	Т		
					TRN	1.00	\$185.00			
	2:	9	············	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Totals:		29.00	466.770	\$14,817.12

○ GTS 13

3/15/20

878160 K11

EF 1146

10110834



CID RDF Detail Ticket Listing

Date Range: 03/15/2002 - 03/15/2002

15-Mar-02 4:13 PM

All Trucks, Customer:0004280

	#: 00042B0			E GAS/ EF114						
Date	Ticket	Truck # Generator	Profile	Manifest	Code	Commodity Tkt Yd5	Fee	Landfill Yards	Tons	Fees
3/15/20	877976	K11	EF_1146	10110834						
•								1.00	18.280	\$555.17
					BIT	0.00	\$370.17	Т		
		·	., .,		TRN	1.00	\$185.00			
3/15/20	877977	K26	EF 1146	10110833						
								1.00	17.130	\$531.88
					BIT	0.00	\$346.88			
		000			TRN	1.00	\$185,00			
3/15/20	877987	K104	EF 1146	10110835			-	. 2 2554		
								1.00	17.280	\$534.92
					BIT	0.00	\$349.92	T '		4.50 / 1.52
					TRN	1,00	\$185,00	•		
3/15/20	877988	K82	EF 1148	10110836						
								1.00	20.330	\$598,58
					TRN	1,00	\$185.00		20.000	\$000,00
					BIT	0.00	541 1.68	τ		
3/15/20	877995	C544	EF 1146	10110837						
								1.00	16.280	\$51A 67
					TRN	1.00	\$185.00	1.00	10.200	\$514.67
		······ • 🕳	* amount (10) = am		.817	0.00	\$329.67	т		
3/15/20	878077		EF 1146	10110834			4021.07	<u></u>	·	·,
			O(1,70	70110000				1.00	10.400	*****
					BIT	0.00	£288.02		18.120	\$551.93
					TRN	1.00	\$355.93 \$185.00	1		
3/15/20	878085	K26	EF 1146	10110833			\$100.00			•
			2	10110003				1.00	04.650	
					BIT	0.00	6120.00		21.550	\$621.39
					TRN	0.00 1.00	\$436.39 \$185.00	i		
3/15/20	878088	K104	EF 1146	10110835	1744	1.00	9100.00			
		, , , ,	2. 1140	10110000				4.00		
					~~~			1.00	17.090	\$531.07
					TRN BIT	1.00	\$185.00	-		
3/15/20	878091	Kas	EE 1146	1011000		0,00	\$346.07	1		
	010001	NUL	EF 1146	10110836						
					<b></b>			1.00 <b>∢</b>	18,250	\$654.56
					TRN	1.00	\$185.00	_		
1/15/20	878096	C544	EE 4440	48445555	BIT	0.00	\$369.56	<u>T</u>		
- 10/20	919080	W344	EF 1146	10110837						
								100	15.650	\$501.91
					TON	1.00	# 4 OF DO			

TRN

TRN

BIT

1.00

0.00

1.00

0.00

\$185.00

\$185,00

\$316.91 T

1.00

\$370.17 T

18.280

\$555.17

### CID RDF

#### Detail Ticket Listing

15-Mar-02 4:13 PM

Date Range: 03/15/2002 - 03/15/2002

All Trucks, Customer:0004280

Cust #: 0004280

Cust Name: PEOPLE GAS/ EF1146

Date	Ticket	Truck # Generator	Profile	Manifest	Code	Commodity Tkt Yds	Fee	Landfill Yards	Tons	Fees
3/15/20	878179	K104	EF 1146	10110835						7 000
-								1.00	16.570	<b>\$520.</b> 54
					BIT	0,00	\$335.54	7	10.070	3020.04
_			Mar		TRN	1.00	\$185.00	,		
<b>3</b> /15/20	878180	K82	EF 1146	110110836			0.00.00		······································	
								1.00	13.400	\$456.35
					TRN	1.00	\$185.00			0 100100
	•				BIT	0.00	\$271.35	Υ		
3/15/20	878182	C544	EF 1146	10110837			. 4 /		~	
								1.00	14.630	\$481.26
					BIT	0.00	\$296.26	r		
		· •		C CN	TRN	1.00	\$185.00			
3/15/20	878183	K26	EF 1146	10110833		-				· ·
								1.00	16.410	\$517.30
					TRN	1.00	\$185.00		10.410	9517.50
					BIT	0.00	\$332,30	Ŧ		
3/15/20	878257	K11	EF 1146	10110838				· · · · · · · · · · · · · · · · · · ·		-
					;			1.00	14.000	
					BIT	0,00	£204.05		14.070	\$469.92
H & Home or as	и жт	<del>-</del> • •	· ;		TRN	1.90	\$284.9 <u>2</u> \$185.00	j		
										AT A PROPERTY AND ADDRESS OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF TH
	16									
					τ	otals:		15.00	273.320	\$8,494.72

#### CID RDF

# Detail Ticket Listing Date Range: 03/18/2002 - 03/18/2002

29-Mar-02 8:07 AM

All Trucks, Customer:0004280

Cust #: 0004280

		1			odin	- Comm		Manifest	Profile	Truck # Generator	Ticket	Date
	Tons	Landfill Yards		F99	ds	Tkt Y	Code					3/48/20
F					_			10110839	EF 1148	K2 <del>8</del>	878391	3/18/20
•	16.590	1.00										
\$527	10.080			\$185.00	10	1.0	TRN					
			T	\$342.02	Q	0.0	BIT			K10	878401	3/18/20
	_		•					10110840	EF 1146	1719	-, -, -,	,
	47.040	100										
\$530	17.040		т	\$345.06	0	0.0	BIT					
			,	\$185.00	)	1_0	TRN			KAN	878402	3/18/20
								10110841	EF 1148	7,40	-, -, -, -, -, -, -, -, -, -, -, -, -, -	
	16 800	1.00										
<b>\$52</b> 7.	16.890		т	342.02	)	0.00	BIT					
			•	\$185.00		7.00	TRN			KA	678403	3/18/20
		·						10110842	EF 1146	110	0,0400	
	54 OFO	1 00									•	
<b>\$48</b> 1.6	14.650		Т	296.66		0.00	BIT					
				185,00		1.00	TRN	7	EF 4440	(26	878469 H	3/18/20
	* ,							10110839	EF 1146	~~		
£200 =	17.030	1.00										
\$529,8	.,.030		г	344.86	;	0.00	BIT					
				185.00		1,00	TRN		EF 1146	19	878474 K	3/18/20
								10110840	GF 1140			
\$566.5°	18.840	1.00										
0,000				181 51 T		0,00	BIT					
				85.00	\$	1.00	TRN .	10110044	EF 1746	10	878480 KA	3/18/20
-	1 41							10110841	C1 1170			
<b>3</b> 5 <b>58</b> .18	19 910	1 00										
0300.10				85.00		1.00	TRN				• • • • • • • • • • • • • • • • • • • •	
				03.18 T	\$	0 00	BIT	10110842	EF 1146		78489 K8	3/18/20
								10110042				
\$519.53	16.520	00	1				70.1					
				5.00		1 00	TRN BIT		_			
				14.53 T	53	0.00	011	10110839	F 1146	5	78552 K2	3/18/20
								7017000				
<b>\$</b> 555.78	18.310	.00	1.	∢			Test					
				5.,00		1 00	TRN BIT					
				0.78 T	53	0.00		10110840	F 1146		78554 K19	/18/20
5558.61	18.450	00	1.			<b>A a</b> a	Bir					
				3,61 7	\$37	1.00	BIT TRN					40/00
		<del></del>		5.00	318	1.00		10110842	F 1148	5	8556 K8	18/20 8
		_						- · · · · ·				
528.24	16,950	00	1.0			0.00	BIT					
				,24 T		0 00 1.00			_			
				.00	\$18							

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# CID RDF Detail Ticket Listing Date Range: 03/18/2002 - 03/18/2002

29-Mai-02 8:07 AM

All Trucks, Customer:0004280

Cust #: 0004280

Cust Name: PEOPLE GAS/ EF1146

7451	<i>".</i>	CUSI	Name: PEOP	LE GAS/ EF11	46					
Date	Ticket	Truck # Generator	Profile	Manifest		Commodit Tkt Yds	y – Fee	Landfill Yards	Tone	
3/18/20	878557	K40	EF 1146	10110841					Tons	Fee
3/18/20	878619	K76			TRN BIT	1.00	\$185.00 \$392.04	1,00 T	19.3 <b>60</b>	\$5770
***	9 s. com		EF 1146	10110843	BIT TRN	0.00 1.00	\$349.31	1.00 T	17.250	\$534,3
3/18/20	878623	K19	분투 1148	10110840	Віт	0,00	\$185,00 \$356 60	1 00	17.610	\$541.60
/18/20	878625	Кв	EF 1146	10110842	TRN	1,00	\$185.00	-		N:0
18/20	878626	K40	EP 1146		BIT TRN	0.00	\$356.20 \$186,00	1.00 T	17590	\$541.20
			LF 1140	10110841	TRN	1 00	<b>\$</b> 185.00	1.00	19 470	\$579.27
·····	16				BIT	0,00	\$394.27	T		
	10				To	(als:		16.00	282.760	\$8,685,89

19-Mar-02

#### CID RDF Detail Ticket Listing Date Range: 03/19/2002 - 03/19/2002

4:53 PM

Ali Truckis, Customer:0004280

		Cuet   Truck #	Profile	Manifest	********	Commodity		Landfill		
Date	Ticket	Generator			Code	Tkt Yds	Fee	Yards	Tons	Fees
3/19/20	878710	K99	EF 1146	10110844						
	<b>**</b>		24					1.00	22.100	\$632. <del>5</del> 3
					BIT	0.00	\$447.53	Ī		
			·		TRN	1.00	\$185.00		• • • • • • • • • • • • • • • • • • • •	···
3/19/20	878712	K104	EF 1146	10110845						
								1.00	17.600	\$541,40
					BIT	000	\$356.40			
A				,	TRN	1.00	_ \$185.00	1		
3/19/20	878713	KB	EF 1746	10110846				1.00	45 500	#460.40
					517	2.22		1.00	13.500	\$460.40
					BIT TRN	0.00 1.00	\$275.40 T \$185.00			
3/19/20	878714	KAN	EF 1146	10110847	71.0	1,00	4100.00		concentration of the party	
		1446	521 11-40	10110041				1.00	17,520	\$539.78
					BIT	0,00	\$354.78		11,050	φοφυ σ
					TRN	1.00	\$185.00			
3/19/20	878716	K31	EF 1148	10110848		-			- 4x23 1=x25x3=x4	•
								1,00	19.420	\$578.26
					BIT	0.00	\$393.26 T	•		•
	F + 1000				TRN	1.00	\$185.00			
3/19/20	878719	K42	EF 1148	10110850	****	-,				
								1.00	16.600	\$521.15
					TRN	1.00	\$185.00			
					BIT	0,00	\$336.15			
3/19/20	878721	K823	EF 1146	10110849						
								1.00	18.410	\$557.80
					TRN	1.00	\$185.00	-		
					BIT	0.00	\$372.80			. <del>.</del>
3/19/20	878722	K57	EF 1146	10110851				4.44		
					<b>V</b> 2.	4.44		1.00	16.530	\$519.73
					TRN BIT	1,00 0.00	\$185.00 \$334.73	•		
3/19/20	878733	K821	FF 1146	10110852	- P()	0.00	ψ33 <del>4</del> .13	· · · · · · · · · · · · · · · · · · ·		
	0,0,00	NOL		10110002			,	1.00	18.160	\$552.74
					TRN	1.00	\$185.00		10.100	4000
					BIT	0.00	\$367.74			
3/19/20	878761	K99	EF 1148	10110844						
								1.00	17.060	\$530,47
					EIT	0.00	\$345.47	٢		
		and & Park			TRN	1.00	\$185.00			
3/19/20	878768	K104	EF 1146	10110845			1 / 4	, , ,, ,,		:
								1.00	19.650	\$582.91
					BIT	0.00	\$397.91	٢		
	······································				TRN	1.00	\$185.00			

#### CID RDF

#### Detail Ticket Listing

Date Range: 03/19/2002 - 03/19/2002

19-Mar-02 4:53 PM

		Truck #	Profile	Manifest		- Commodity	/ <del>**********</del>		Landfill		
Date	Ticket	Generator			Code	Tkt Yds	Fce		Yards	Tons	Fees
3/19/20	878769	K40	EF 1146	10110847						-	•
•	<b>~</b> -								1.00	19.470	\$57927
					BIT	0.00	\$394.27	T			
014000					TRN	1.00	\$185.00				
3/19/20	878772	K31	EF 1146	10110848					4.00		
					D 177	0.00	2044.20	~	1.00	17.020	\$529.66
					BIT TRN	0.00 1.00	\$344.66 \$185.00	Т			
3/19/20	878775	K42	EF 1146	10110850			0.00.00				
									1.00	18,190	\$553.35
					TRN	1.00	\$185.00				,,,,,,
					BIT	0.00	\$368.35	T			
19/20	878777	K57	EF 1146	10110851							
									1.00	17.320	\$535.73
					TRN BIT	1.00 0.00	\$185.00	_			
3/19/20	878782	K823	EF 1146	10110849	<u> </u>	0.00	\$350.73				
110120	76720 070702 77020	C.F (1140	10110049					1.00	17.410	<b>\$</b> 537,55	
					₽П	0.00	\$352.55	~	1.00	17.410	<b>4</b> 557 .50
					TRN	1.00	\$185.00	•			
3/19/20	19/20 878783 K8	EF 1146	10110846							-	
									1.00	16.780	\$524.80
					TRN	1.00	\$185.00				
3/19/20	070760			40440050	BIT	0.00	\$339.80	T			
119120	878788	N021	EF 1146	101108 <del>5</del> 2					1.00	45.050	~~~
					BIT	<b>000</b>	\$345.26	_	1.00	17.050	5530.26
					TRN	1.00	\$185.00	1			
9/19/20	678825	K40	EF 1148	10110847							<del></del>
									1.00	18.350	\$556.59
					BIT	0.00	\$371.59	Т			
					TRN	1.00	\$185.00				
3/19/20	878827	K104	EF 1148	10110845					4.00		
					TOM	4 00		4	1.00	17.650	\$542.41
					TRN BIT	1.00	\$185.00 \$357.41	Ψ.			
/19/20	878828	K31	EF 1146	10110848			17.7,500		·		
			· ···•						1.00	17.300	<b>\$</b> 535.33
					TRN	1.00	\$185.00			, , , , , ,	4000,00
					BIT	0.00	\$350.33	T			
3/19/20	878831	K57	EF 1148	10110851						* 17	
					_				1.00	15.900	\$506.98
					BIT	0.00	\$321.98	Т			

TRN

1.00

\$185.00

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#### CID RDF

#### Detail Ticket Listing

19-Mar-02 4:53 PM

Date Range: 03/19/2002 - 03/19/2002

All Trucks, Customer:0004280

Cust #: 0004280

Cust Name; PEOPLE GAS/ EF1146

				C Own FEI	40					
Date	Tickel	Truck# Generator	Profile	Manifest	Code	Commodit Tkt Yds	Fee	Landfill Yards	Tons	Fees
3/19/20	878840	K823	EF 1146	10110849	***************************************					
				Processing ( 1994)	TRN BIT	1.00 0.00	\$185.00 \$334.33	1.00	16.510	\$519.33
	23	,				otals:		23,00	405,600	\$17.468.43

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CID RDF

Detail Ticket Listing Date Range: 03/20/2002 - 03/20/2002 29-Mar-02 8:07 AM

All Trucks, Customer:0004280

Cust #: 0004280

Cust Name: PEOPLE GAS/ EF1146

		Cust	NAME: PEOP	LE GAS/ EF11	46					
Date	Ticket	Truck # Generator	Profile	Manifest	Code	- Commodit Tkt Yds	Fae	Landfill		
3/20/20	878928	K8	EF 1146	10110853		<del></del>		Yards	Tons	Fees
3/20/20	87\$929	Keo	EF 1146	480.000	TRN BIT	1.00	\$185.00 \$327.65	1 00	16.180	\$512.65
3/20/20	878932	•	EF 1148	10110854	TRN BIT	1.00 0.00	\$185.00 \$340.00 T	1.00	16,790	\$525.00
	•		C. /140	10110855	TRN 8IT	1.00 0.00	\$185:00 \$357.01 T	1.00	17.630	\$542.01
	3				To	Otals:		3.00	50.600	\$1,579.86

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#### Detail Ticket Listing

18-Apr-02 8:22 AM

Date Range; 03/21/2002 - 03/21/2002

All Trucks, Customer:0004260

Cust #: 0004280 Cust Name: PEOPLE GAS/ EF1146

		Truck#	Profile	Manifest		Commodity	/	Site		
Date	Ticket	Generator			Code	Tkt Yds	Fee	Yards	Tons	Fees
3/21/20	879106	K8	EF 1146	10110856	_					
<del>20</del> .			_					1 00	17070	\$530,67
					TRN	1.00	\$185.00			
					BIT	0 00	\$345,67	Т		
3/21/20	879192	K8	EF 1146	10110856		·				· · · · · · · · · · · · · · · · · · ·
								1.00	21.640	\$623,21
					TRN	1 00	\$185.00			
					BIT	0,00	\$435.21	T		
3/21/20	879263	K40	EF 1146	10110857						
								1.00	21 900	\$628.48
					TRN	1 00	\$185.00			
					BIT	0.00	\$443.48	T		
3/21/20	679276	K8	EF 1146	10110856				n 200 4		
								1.00	18.820	\$521.58
					TRN	100	\$185.00			
					BIT	0,00	\$336,56	T		
						<del></del>				No. 10
****	4	<del></del>				Totals:		4.00	77 230	\$2,303 92



APPENDIX G SAMPLE VALIDATION MEMORANDUM AND ANALYTICAL DATA

SOIL SAMPLE DATA EVALUATION MEMORANDUM ROGERS PARK EAST PARCEL

**JUNE 2001** 

#### **BURNS & McDONNELL**

Client: Peoples Gas

Site: Rogers Park East Parcel

Project #: 27194

File No.: I.7

Title:

Data Validation of Soil Samples

Collected from June 20 to June 21, 2001

Prepared By: Lora Battaglia Date: April 15, 2002 Checked By: Christy Barry Date: April 26, 2002

Reviewed By: Margaret Kelley

Date: April 30, 2002

#### **PURPOSE**

The purpose of this document is to present the evaluation and validation of soil sampling analytical results.

#### **VALIDATION CRITERIA**

The evaluation and validation consisted of the following:

- Checked analytical holding times.
- Checked surrogate recoveries.
- Reviewed laboratory blank analyses.
- Reviewed laboratory control standards (LCS).
- Reviewed laboratory annotations.

#### SAMPLING EFFORT

Soil samples were collected at the Peoples Gas Rogers Park, East Parcel in Chicago, Illinois from June 20 to June 21, 2001. Eight (8) soil samples were taken at eight (8) probe locations during site investigation activities.

#### **LABORATORY**

Samples were analyzed and validated by STAT Analysis Corporation of Chicago, Illinois in accordance with Illinois Site Remediation Program (SRP) analytical data reduction and validation guidelines.

#### **CONCLUSIONS**

Laboratory data have been reviewed and are acceptable for use with qualification. STAT Analysis Corporation, performed laboratory validation and determined that all analytical results were usable.

Based on the provided information, Burns & McDonnell performed further evaluation and validation, determining that the overall quality of the analytical results was good; therefore, no qualification of the data was required.

#### **REFERENCES**

The following reference documents were used:

- (1) Illinois Administrative Code, 1998. *Site Remediation Program*, Title 35: Environmental Protection, Subtitle G: Waste Disposal, Chapter I: Pollution Control Board, Part 740.
- (2) United States Environmental Protection Agency (USEPA), 1994. Contract Laboratory Program National Functional Guidelines for Organic Data Review, February.
- (3) USEPA, 1994. Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, February.
- (4) USEPA, 1998. Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, EPA Publication No. SW-846, [Third Edition (September 1986), as amended by Updates I (July 1992), II (September 1994), IIA (August 1993), IIB (January 1995), III (December 1996), IVA (January 1998)].

#### SAMPLE INFORMATION

Table 1 presents sample numbers, depth and analyses requested. Table 2 lists the methods used to analyze the soil samples.

#### HOLDING TIME EVALUATION

Table 3 presents the analytical holding times that were used to evaluate and validate the extractions and analyses performed. All sample extractions and analyses were performed within the holding time criteria; therefore, no qualification was necessary.

#### SURROGATE RECOVERY EVALUATION

All surrogate recoveries were within the acceptable laboratory limits; therefore, no qualification was necessary.

#### LABORATORY BLANK ANALYSIS EVALUATION

Laboratory blanks were prepared and run for this sampling event. The compound lead was detected in laboratory blanks but at concentrations below the reporting and quantitation limits; therefore, no qualification was necessary.

#### LABORATORY CONTROL STANDARDS EVALUATION

Laboratory control standards (LCS) were prepared and run for this sampling event. All LCS results were within the acceptable limits; therefore, no qualification was necessary.

#### LABORATORY ANNOTATION REVIEW

A review of the STAT Analysis Corporation laboratory annotation indicates that the overall quality of the analytical results is acceptable.

Table 1 List of Sample Numbers, Depth and Analyses			
Sample Number	Composite Sample Depth (feet below ground surface)	Analyses	
RPE-CS01-001	0-3	Polynuclear aromatic hydrocarbons (PAHs), Total Lead and Synthetic Precipitation Leaching Procedure (SPLP) Lead.	
RPE-CS02-001	0-3	PAHs, Total lead and SPLP lead.	
RPE-CS03-001	0-3	PAHs, Total lead and SPLP lead.	
RPE-CS04-001	0-3	PAHs, Total lead and SPLP lead.	
RPE-CS05-001	0-3	PAHs, Total lead and SPLP lead.	
RPE-CS06-001	0-3	PAHs, Total lead and SPLP lead.	
RPE-CS07-001	0-3	PAHs, Total lead and SPLP lead.	
RPE-CS08-001	0-3	PAHs, Total lead and SPLP lead.	

Table 2 Analytical Methods ¹			
Parameter	Analytical Method		
PAHs	8270 SIM		
Total Lead	6020		
SPLP Lead	1312/6020		

Note:

(1) U.S. EPA 1998

Table 3 Analytical Holding Times		
Analyses	Holding Time From Sample Collection ⁽¹⁾	
PAHs	14 days pre-extraction, 40 days post extraction	
Total Lead	6 months	
SPLP metals	6 months	

Note: (1) U.S. EPA 1998

**MARCH 2002** 

#### **BURNS & McDONNELL**

Client: Peoples Gas

Site: Rogers Park East Parcel

Project #: 27194

File No.: I.7
Title: Da

Data Validation of Soil Samples

Collected from March 12 to March 20, 2002

Prepared By: Lora Battaglia Date: April 15, 2002 Checked By: Christy Barry

Date: April 26, 2002

Reviewed By: Margaret Kelley

Date: April 30, 2002

### **PURPOSE**

The purpose of this document is to present the evaluation and validation of soil sampling analytical results.

#### **VALIDATION CRITERIA**

The evaluation and validation consisted of the following:

- Checked analytical holding times.
- Checked surrogate recoveries.
- Reviewed laboratory blank analyses.
- Reviewed laboratory control standards (LCS).
- Reviewed laboratory annotations.

### SAMPLING EFFORT

Soil samples were collected at the Peoples Gas Rogers Park, East Parcel in Chicago, Illinois from March 12 to March 20, 2002. Thirteen (13) soil samples were taken at ten (10) probe locations during site investigation activities.

### **LABORATORY**

Samples were analyzed and validated by STAT Analysis Corporation of Chicago, Illinois in accordance with Illinois Site Remediation Program (SRP) analytical data reduction and validation guidelines.

### CONCLUSIONS

Laboratory data have been reviewed and are acceptable for use with qualification. STAT Analysis Corporation, performed laboratory validation and determined that all analytical results were usable. In cases where laboratory standards were not met, data qualification was provided.

Based on the provided information, Burns & McDonnell performed further evaluation and validation, determining that the overall quality of the analytical results was good; therefore, no qualification of the data was required.

### **REFERENCES**

The following reference documents were used:

- (1) Illinois Administrative Code, 1998. *Site Remediation Program*, Title 35: Environmental Protection, Subtitle G: Waste Disposal, Chapter I: Pollution Control Board, Part 740.
- (2) United States Environmental Protection Agency (USEPA), 1994. Contract Laboratory Program National Functional Guidelines for Organic Data Review, February.
- (3) USEPA, 1994. Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, February.
- (4) USEPA, 1998. Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, EPA Publication No. SW-846, [Third Edition (September 1986), as amended by Updates I (July 1992), II (September 1994), IIA (August 1993), IIB (January 1995), III (December 1996), IVA (January 1998)].

### SAMPLE INFORMATION

Table 1 presents sample numbers, depth and analyses requested. Table 2 lists the methods used to analyze the soil samples.

#### HOLDING TIME EVALUATION

Table 3 presents the analytical holding times that were used to evaluate and validate the extractions and analyses performed. All sample extractions and analyses were performed within the holding time criteria; therefore, no qualification was necessary.

## SURROGATE RECOVERY EVALUATION

All surrogate recoveries were within the acceptable laboratory limits; therefore, no qualification was necessary.

### LABORATORY BLANK ANALYSIS EVALUATION

Laboratory blanks were prepared and run for this sampling event. The compounds arsenic, lead, chromium and silver were detected in laboratory blanks but were at concentrations below the reporting and quantitation limits; therefore, no qualification was necessary.

## LABORATORY CONTROL STANDARDS EVALUATION

Laboratory control standards (LCS) were prepared and run for this sampling event. All LCS results were within the acceptable limits; therefore, no qualification was necessary.

### LABORATORY ANNOTATION REVIEW

A review of the STAT Analysis Corporation laboratory annotation indicates that the overall quality of the analytical results is acceptable.

Table 1 List of Sample Numbers, Depth and Analyses				
Sample Number	Composite Sample Depth (feet below ground surface)	Analyses		
RPE-CS-010	2	Polynuclear aromatic hydrocarbons (PAHs) and Synthetic Precipitation Leaching Procedure (SPLP) metals.		
RPE-CS-011	2	PAHs and SPLP metals.		
RPE-CS-012	2	PAHs and SPLP metals.		
RPE-CS-013	2	PAHs and SPLP metals.		
RPE-CS-013-002	2.5	PAHs.		
RPE-CS-014	3	PAHs and SPLP metals.		
RPE-CS-015	1.5	PAHs and SPLP metals.		
RPE-CS-016	0.5	PAHs and SPLP metals.		
RPE-CS-016-002	1.5	PAHs.		
RPE-CS-017	0.5	PAHs and SPLP metals.		
RPE-CS-017-002	1.5	PAHs.		
RPE-CS-018	8	PAHs.		
RPE-CS-019	8	PAHs.		

Table 2 Analytical Methods ¹				
Parameter	Analytical Method			
PAHs	8270 SIM			
SPLP metals	1312/6020			

Note:

(1) US EPA 1998

Table 3 Analytical Holding Times			
Analyses	Holding Time From Sample Collection ⁽¹⁾		
PAHs	14 days pre-extraction, 40 days post extraction		
SPLP metals	6 months		

Note: (1) U.S. EPA 1998

SOIL ANALYTICAL RESULTS DATA SHEETS ROGERS PARK EAST PARCEL

Reoples - Rogustark File I7

2201 West Campbell Park Drive Chicago, Illinois 60612-3501 Tel: 312.733.0551 Fax: 312.733.2386 e-mail address: STATinfo@STATAnalysis.com AIHA accredited 10248, NVLAP accredited 101202-0.

June 27, 2001

Margaret Kelly

Burns & McDonnell

2601 W. 22nd Street

Oak Brook, Illinois 60523-1229

Phone: (630) 990-0300

Fax:

(630) 990-0301

Re:

Project Number/Name:

27193-4.07, Rogers Park

STAT Project Number:

702067

STAT Sample Nos.:

918859 - 918864

Date Received:

June 20, 2001

Dear Ms. Kelly:

Enclosed are the analytical results for the above referenced project. The samples were analyzed as per the enclosed chain of custody.

All analyses were performed in accordance with methods from the USEPA publication <u>Test Methods</u> for Evaluating Solid Wastes, <u>Physical/Chemical Methods</u>, SW-846, 3rd Edition, December, 1996. Specific method references are listed on the analytical report. Where applicable, results are expressed on a dry weight basis as per method protocols.

All analyses were performed within the established holding times, and all quality control criteria, as outlined in the method have been met. QA/QC documentation and raw data will remain on file for future reference.

Thank you for the opportunity to serve you and we look forward to working with you in the future. If you have any questions about the enclosed materials, please call me at 312-733-0551.

Sincerely,

Craig Chawla

Project Manager





Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com

## **Analytical Report**

Client:

Burns & McDonnell

Project ID:

27193-4.07, Rogers Park, 6659 N. Kedzie

1, RPE-CS01-001

Sample Number: STAT Project No.: 702067

STAT Sample No.: 918859

Date Received: 6/20/01

Date Taken: 6/20/01

Time Taken: PM

Date Reported: 6/27/01

Analyte	<b>Detection Limit</b>	Result	Units
Solids, Total		85.37	%
Polynuclear Aromatic Hydrocarbon Preparation Date: 6/20/01 Analysis Date: 6/21/01	s Method 8270C		
Naphthalene Acenapthylene Acenaphthene Fluorene Phenanthrene Anthracene Fluoranthene Pyrene Chrysene Benzo[a]anthracene Benzo[b]fluoranthene Benzo[k]fluoranthene Benzo[a]pyrene Indeno[1,2,3-cd]pyrene Dibenz[a,h]anthracene	0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025	0.103 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025 < 0.025	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg
Benzo[g,h,i]perylene  Lead Method 6020  Analysis Date: 6/21/01  Lead  SPLP Lead Method 1312/6020  Analysis Date: 6/21/01	0.500	12.3	mg/Kg
SPLP Lead	0.005	0.006	mg/L



Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com

## **Analytical Report**

Client:

Burns & McDonnell

Project ID:

27193-4.07, Rogers Park, 6659 N. Kedzie

Sample Number:

2, RPE-CS02-001

STAT Project No.: 702067

STAT Sample No.: 918860

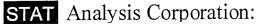
Date Received: 6/20/01

Date Taken: 6/20/01

Time Taken: PM

Date Reported: 6/27/01

Analyte	<b>Detection Limit</b>	Result	Units
Solids, Total		87.81	%
Polynuclear Aromatic Hydrocarbons	s Method 8270C		
Preparation Date: 6/20/01			
Analysis Date: 6/21/01			
Naphthalene	0.025	< 0.025	mg/Kg
Acenapthylene	0.025	< 0.025	mg/Kg
Acenaphthene	0.025	< 0.025	mg/Kg
Fluorene	0.025	< 0.025	mg/Kg
Phenanthrene	0.025	< 0.025	mg/Kg
Anthracene	0.025	< 0.025	mg/Kg
Fluoranthene	0.025	< 0.025	mg/Kg
Pyrene	0.025	< 0.025	mg/Kg
Chrysene	0.025	< 0.025	mg/Kg
Benzo[a]anthracene	0.025	< 0.025	mg/Kg
Benzo[b]fluoranthene	0.025	< 0.025	mg/Kg
Benzo[k]fluoranthene	0.025	< 0.025	mg/Kg
Benzo[a]pyrene	0.025	< 0.025	mg/Kg
Indeno[1,2,3-cd]pyrene	0.025	< 0.025	mg/Kg
Dibenz[a,h]anthracene	0.025	< 0.025	mg/Kg
Benzo[g,h,i]perylene	0.025	< 0.025	mg/Kg
Lead Method 6020			
Analysis Date: 6/21/01			
Lead	0.500	11.1	mg/Kg
SPLP Lead Method 1312/6020			
Analysis Date: 6/21/01			
SPLP Lead	0.005	0.013	mg/L



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Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com



Date Received: 6/20/01

## **Analytical Report**

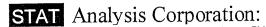
Client: Burns & McDonnell

Project ID: 27193-4.07, Rogers Park, 6659 N. Kedzie

Sample Number: 3, RPE-CS05-001 Date Taken: 6/20/01 STAT Project No.: 702067

STAT Sample No.: 918861 Date Reported: 6/27/01

Analyte	<b>Detection Limit</b>	Result	Units
Solids, Total		79.72	%
Polynuclear Aromatic Hydrocarbons Preparation Date: 6/20/01 Analysis Date: 6/21/01	s Method 8270C		
Naphthalene	0.025	< 0.025	mg/Kg
Acenapthylene	0.025	< 0.025	mg/Kg
Acenaphthene	0.025	< 0.025	mg/Kg
Fluorene	0.025	< 0.025	mg/Kg
Phenanthrene	0.025	< 0.025	mg/Kg
Anthracene	0.025	< 0.025	mg/Kg
Fluoranthene	0.025	< 0.025	mg/Kg
Pyrene	0.025	< 0.025	mg/Kg
Chrysene	0.025	< 0.025	mg/Kg
Benzo[a]anthracene	0.025	< 0.025	mg/Kg
Benzo[b]fluoranthene	0.025	< 0.025	mg/Kg
Benzo[k]fluoranthene	0.025	< 0.025	mg/Kg
Benzo[a]pyrene	0.025	< 0.025	mg/Kg
Indeno[1,2,3-cd]pyrene	0.025	< 0.025	mg/Kg
Dibenz[a,h]anthracene	0.025	< 0.025	mg/Kg
Benzo[g,h,i]perylene	0.025	< 0.025	mg/Kg
Lead Method 6020 Analysis Date: 6/21/01 Lead	0.500	37.4	mg/Kg
SPLP Lead Method 1312/6020 Analysis Date: 6/21/01 SPLP Lead	0.005	0.014	mg/L



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LABORATORY

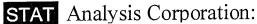
2201 West Campbell Park Drive, Chicago, Illinois 60612-3547
Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com

## **Analytical Report**

Client: Burns & McDonnell

Project ID: 27193-4.07, Rogers Park, 6659 N. Kedzie Date Received: 6/20/01 Sample Number: 4, RPE-CS06-001 Date Taken: 6/20/01 STAT Project No.: 702067 702067 Time Taken: AM STAT Sample No.: 918862 Date Reported: 6/27/01

Analyte	<b>Detection Limit</b>	Result	Units
Solids, Total		80.48	%
Polynuclear Aromatic Hydrocarbon Preparation Date: 6/20/01	ns Method 8270C		
Analysis Date: 6/21/01			
Naphthalene	0.025	< 0.025	mg/Kg
Acenapthylene	0.025	< 0.025	mg/Kg
Acenaphthene	0.025	< 0.025	mg/Kg
Fluorene	0.025	< 0.025	mg/Kg
Phenanthrene	0.025	< 0.025	mg/Kg
Anthracene	0.025	< 0.025	mg/Kg
Fluoranthene	0.025	0.040	mg/Kg
Pyrene	0.025	0.035	mg/Kg
Chrysene	0.025	0.030	mg/Kg
Benzo[a]anthracene	0.025	0.026	mg/Kg
Benzo[b]fluoranthene	0.025	< 0025	mg/Kg
Benzo[k]fluoranthene	0.025	0.028	mg/Kg
Benzo[a]pyrene	0.025	0.026	mg/Kg
Indeno[1,2,3-cd]pyrene	0.025	< 0.025	mg/Kg
Dibenz[a,h]anthracene	0.025	< 0.025	mg/Kg
Benzo[g,h,i]perylene	0.025	< 0025	mg/Kg
Lead Method 6020			
Analysis Date: 6/21/01			
Lead	0.500	21.4	mg/Kg
SPLP Lead Method 1312/6020			
Analysis Date: 6/21/01			
SPLP Lead	0.005	0.006	mg/L



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## **Analytical Report**

Client:

Burns & McDonnell

Project ID:

27193-4.07, Rogers Park, 6659 N. Kedzie

Sample Number:

5, RPE-CS07-001

STAT Project No.: 702067

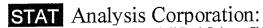
STAT Sample No.: 918863

Date Received: 6/20/01

Date Taken: 6/20/01 Time Taken: AM

Date Reported: 6/27/01

Analyte	<b>Detection Limit</b>	Result	Units
Solids, Total		83.98	%
Polynuclear Aromatic Hydrocarbons Preparation Date: 6/20/01 Analysis Date: 6/21/01	Method 8270C		
Naphthalene	0.025	< 0.025	mg/Kg
Acenapthylene	0.025	< 0.025	mg/Kg
Acenaphthene	0.025	< 0.025	mg/Kg
Fluorene	0.025	< 0.025	mg/Kg
Phenanthrene	0.025	< 0.025	mg/Kg
Anthracene	0.025	< 0.025	mg/Kg
Fluoranthene	0.025	< 0.025	mg/Kg
Pyrene	0.025	< 0.025	mg/Kg
Chrysene	0.025	< 0.025	mg/Kg
Benzo[a]anthracene	0.025	< 0.025	mg/Kg
Benzo[b]fluoranthene	0.025	< 0.025	mg/Kg
Benzo[k]fluoranthene	0.025	< 0.025	mg/Kg
Benzo[a]pyrene	0.025	< 0.025	mg/Kg
Indeno[1,2,3-cd]pyrene	0.025	< 0.025	mg/Kg
Dibenz[a,h]anthracene	0.025	< 0.025	mg/Kg
Benzo[g,h,i]perylene	0.025	< 0.025	mg/Kg
Lead Method 6020			
Analysis Date: 6/21/01			
Lead	0.500	29.5	mg/Kg
SPLP Lead Method 1312/6020			
Analysis Date: 6/21/01			
SPLP Lead	0.005	0.029	mg/L



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## **Analytical Report**

Client: Burns & McDonnell

Project ID: 27193-4.07, Rogers Park, 6659 N. Kedzie Date Received: 6/20/01 Sample Number: 6, RPE-CS08-001 Date Taken: 6/20/01 STAT Project No.: 702067 702067 Time Taken: AM STAT Sample No.: 918864 Date Reported: 6/27/01

Analyte	<b>Detection Limit</b>	Result	Units
Solids, Total		83.60	%
Polynuclear Aromatic Hydrocarbo	ns Method 8270C		
Preparation Date: 6/20/01			
Analysis Date: 6/21/01			
Naphthalene	0.025	0.172	mg/Kg
Acenapthylene	0.025	< 0.025	mg/Kg
Acenaphthene	0.025	< 0.025	mg/Kg
Fluorene	0.025	< 0.025	mg/Kg
Phenanthrene	0.025	< 0.025	mg/Kg
Anthracene	0.025	< 0.025	mg/Kg
Fluoranthene	0.025	< 0.025	mg/Kg
Pyrene	0.025	< 0.025	mg/Kg
Chrysene	0.025	< 0.025	mg/Kg
Benzo[a]anthracene	0.025	< 0.025	mg/Kg
Benzo[b]fluoranthene	0.025	< 0.025	mg/Kg
Benzo[k]fluoranthene	0.025	< 0.025	mg/Kg
Benzo[a]pyrene	0.025	< 0.025	mg/Kg
Indeno[1,2,3-cd]pyrene	0.025	< 0.025	mg/Kg
Dibenz[a,h]anthracene	0.025	< 0.025	mg/Kg
Benzo[g,h,i]perylene	0.025	< 0.025	mg/Kg
Lead Method 6020			
Analysis Date: 6/21/01			
Lead	0.500	15.4	mg/Kg
SPLP Lead Method 1312/6020			
Analysis Date: 6/21/01			
SPLP Lead	0.005	0.030	mg/L

STAT Analysis Corporation

STAT Analysis Corporation 2201 West Campbell Park Drive, Chicago, Illinois 60612-3547 e-mail address: <u>STATInfo@STATAnalysis.com</u> AIHA accredited	****	Phone: (312) 733-0551 Fax: (312) 733-2386 10248, NVLAP accredited 101202-0	AIHA ACCREDITED	
	•			/07
	CHAIN OF CUSTODY RECORD	KECOKD	Page : of	
Client Name: KUPAS & McD Project Number: 77,07 - U C	MCLDNAECC		TYPE OF ANALYSES	
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Client Sample Sample Description No.:	Date Time B No. of Taken Taken Containers			am/pm
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١	Am x			4(3861
4 RPE-CSOB-COI			2	918862
		XXX	0	918803
4 RAE-CSO8-001	V 4m X	<u> </u>		418864
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10011				
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Relinquished by: (Signature)	Date/Time: 6/20 /4:15	Lab. Use:	Samble Verification Contact Information	)u:
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## 2C SOIL PNA SURROGATE RECOVERY

 Lab Name:
 STAT Analysis
 Contract:
 Burns&McDonnell

 Project No :
 702067
 Site:
 Location:
 Group:

	Sample No.	S1	S2	S3	Total Out
01	PNA Soil Blank 06/20/01	43	48	80	0
02	PNA Soil LCS 05/19/01	45	48	61	0
03	RPE-CS01-001	49	57	75	0
04	RPE-CS02-001	60	64	88	0
05	RPE-CS05-001	59	67	88	0
06	RPS-CS06-001	47	51	71	0
07	RPE-CS07-001	54	56	67	0
08	RPE-CS08-001	41	42	70	0
09	RPE-CS08-001MS	53	53	66	0
10	RPE-CS08-001MSD	32	35	40	0
11	RPE-CS08-001 R	36	42	68	0
12	RPE-CS08-001MS R	31	38	75	0
13	RPE-CS08-001MSD R	37	42	61	0
14					

QC LIMITS
S1 (NBZ) = d5-Nitrobenzene
(23-120)
S2 (FBP) = 2-Fluorobiphenyl
(30-115)
S3 (TPH) = Terphenyl-d14
(18-137)

# Column to be used to flag recovery values
D Surrogate Diluted outv D Surrogate Diluted out

### 4BEPA SAMPLE NO.

### SEMIVOLATILE METHOD BLANK SUMMARY

**SBLKSOI** 

Lab Name: STAT Analysis

Case No.:

Contract: URS

SAS No.:

SDG No.:

Lab Code: Lab File ID:

06200114.D

Lab Sample ID: PNA BLANK

GC/MS-SVOC-2

Date Extracted:

06/20/01

Instrument ID: Matrix: (soil/water)

SOIL

Date Analyzed:

06/20/01

21:02

LOW Time Analyzed: Level: (low/med) THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA	LAB	LAB	DATE
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
01	PNA SOIL LCS 06/20/01	PNASLCS 062001	06200115.D	06/20/01
02	RPE-CS01-001	918859	06210103.D	06/21/01
03	RPE-CS02-001	918860	06210104.D	06/21/01
04	RPE-CS05-001	918861	06210105.D	06/21/01
05	RPE-CS06-001	918862	06210106.D	06/21/01
06	RPE-CS07-001	918863	06210104.D	06/21/01
07	RPE-CS08-001	918864	06210103.D	06/21/01
08	RPE-CS08-001MS	918864MS	06210105.D	06/21/01
09	RPE-CS08-001MSD	918864MSD	06210106.D	06/21/01
10	RPE-CS08-001	918864 R	06250125.D	06/25/01
11	RPE-CS08-001MS R	918864 MS R	06250126.D	06/25/01
12	RPE-CS08-001MSD R	918864MSD R	06250127.D	06/25/01

COMMENTS:			
	 	 	 ·

### 3 C SOIL POLYNUCLEAR AROMATIC MATRIX SPIKE/ MATIX SPIKE DUPLICATE RECOVERY

Lab Name: Stat Analysis			Burns & McDonnell
Lab Code: 702067	Case No :	SAS No.;	SDG No :
Matrix Spike - Sample ID:	918864		

Compound	ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC
Napthalene	167	146	55	-54 *	30-140
Acenaphthylene	167	1	65	38	30-140
Acenaphthene	167	4	64	35	31-137
Fluorene	167	1	68	40	30-140
Phenanthrene	167	6	103	58	30-140
Anthracene	167	2	102	60	30-140
Fluoranthene	167	11	131	72	30-140
Pyrene	167	10	123	67	35-142
Benzo(a)anthracene	167	8	118	66	30-140
Chrysene	167	10	116	64	30-140
Benzo(b)fluoranthene	167	4	71	40	30-140
Benzo(k)fluoranthene	167	3	61	35	30-140
Benzo(a)pyrene	167	2	53	30	30-140
Ideno(1,2,3-cd)pyrene	167	3	75	43	30-140
Dibenz(a,h)anthrancene	167	1	68	40	30-140
Benzo(g,h,i) perylene	167	4	70	39	30-140

Compound	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC L RPD	IMITS REC
Napthalene	167	60	-51 *	5	25	30-140
Acenaphthylene	167	68	40	4	25	30-140
Acenaphthene	167	64	36	0	25	31-137
Fluorene	167	67	39	1	25	30-140
Phenanthrene	167	88	49	17	25	30-140
Anthracene	167	92	54	10	25	30-140
Fluoranthene	167	108	58	21	25	30-140
Pyrene	167	98	53	25	25	35-142
Benzo(a)anthracene	167	97	53	22	25	30-140
Chrysene	167	97	52	20	25	30-140
Benzo(b)fluoranthene	167	70	40	2	25	30-140
Benzo(k)fluoranthene	167	54	30	25	25	30-140
Benzo(a)pyrene	167	53	30	1	25	30-140
Ideno(1,2,3-cd)pyrene	167	74	42	2	25	30-140
Dibenz(a,h)anthrancene	167	70	41	2	25	30-140
Benzo(g,h,i) perylene	167	68	39	2	25	30-140

# Column to be used to	flag recovery and RPD values with an asterisk
* Values outside of QC	
RPD:	0 out of 16 outside limits
Spike Recovery:	2 out of 32 outside limits
COMMENTS:	



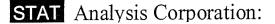
## 3 C SOIL POLYNUCLEAR AROMATIC LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	STAT Analys	is Corporation	Contract:	Burns & McDonnell
Lab Code:	702067	Case No :	SAS No.:	SDG No :
LCS - Sample ID:	_	- \$BLNK 062001		

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC
Napthalene	167	0	76	45	30-140
Acenaphthylene	167	0	80	48	30-140
Acenaphthene	167	0	63	38	31-137
Fluorene	167	0	77	46	30-140
Phenanthrene	167	0	82	49	30-140
Anthracene	167	0	88	53	30-140
Fluoranthene	167	0	92	55	30-140
Pyrene	167	0	90	54	35-142
Benzo(a)anthracene	167	0	115	69	30-140
Chrysene	167	0	116	70	30-140
Benzo(b)fluoranthene	167	0	108	65	30-140
Benzo(k)fluoranthene	167	0	120	72	30-140
Benzo(a)pyrene	167	0	104	62	30-140
Ideno(1,2,3-cd)pyrene	167	0	155	93	30-140
Dibenz(a,h)anthrancene	167	0	143	86	30-140
Benzo(g.h.i) pervlene	167	0	148	89	30-140

# Column to be used to flag * Values outside of QC limits	
Spike Recovery:	0 out of 16 outside limits
COMMENTS:	
_	

OLM03.0





2201 West Campbell Park Drive, Chicago, Illinois 60612-3547 Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com

## INORGANIC Initial Batch QC

Lab Name:

STAT Analysis Corporation

Contract: Burns & McDonnell

Project No.:

27193-4.07

Instrument: ICPMS

Batch No.:

702067

Associated Samples:

918859-918864

	LCS 1 (µg/L)			LCS 2 (μg/L)					Prepai Bla		
Analyte	True	Found	%R	True	Found	%R	RPD	С		С	M
Lead	500	477	95.3	500	477	95.3	0.0		0.43		MS

# INORGANIC Matrix Spike and Matrix Spike Dupliacte Recovery Form

Lab Name:

STAT Analysis Corporation

Project No.: Batch No.:

27193-4.07

702067

Matrix (soil/water):

Concentration Units: Associated Samples: Soil

μg/L

918859-918864

Instrument: ICPMS, CV, LaChat

Sample No.:

918859

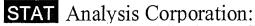
Weight

Sample Spike No.: 918859 MS

1.000

1.000 Sample Spike Duplicate No: 918859 MSD

Spike Spike Sample Added Added %R  $\mathbf{C}$ **MSD** %R C **RPD** 0 M **MSD** Result MS MS Analyte 0.6 MS 702 95.0 697 94.1 500 500 227 Lead



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### INORGANIC Initial Batch QC

STAT Analysis Corporation Lab Name:

Contract: Burns & McDonnell

Project No.: 27193-4.07 Instrument: ICPMS

Batch No.: 702067

Associated Samples: 918859-918864

									Prepa	ration	
	L	CS 1 (µg/	/L)	LC	CS 2 (μg/I	ر.)			Bla	ank	
Analyte	True	Found	%R	True	Found	%R	RPD	C		С	M
Lead	500	554	111	500	515	103	7.3		0.12		MS

### INORGANIC Matrix Spike and Matrix Spike Dupliacte Recovery Form

Lab Name:

STAT Analysis Corporation

Project No.:

27193-4.07

Batch No.:

702067

Matrix (soil/water): **SPLP** 

Concentration Units: µg/L

Instrument: ICPMS

Sample No.:

918860

Weight

Sample Spike No.: 918860 MS

1.000

1.000 Sample Spike Duplicate No: 918860 MSD

Associated Samples: 918859-918864

	Spike	Spike									,	
	Added	Added	Sample									
Analyte	MS	MSD	Result	MS	%R	С	MSD	%R	C	RPD	Q	M
Lead	500	500	6	495	97.9		511	101		3.2		MS

2201 West Campbell Park Drive Chicago, Illinois 60612-3501 Tel: 312.733.0551 Fax: 312.733.2386 e-mail address; STATinfo@STATAnalysis.com AIHA accredited 10248, NVLAP accredited 101202-0.

June 27, 2001

Margaret Kelly Burns & McDonnell 2601 W. 22nd Street Oak Brook, Illinois 60523-1229

Phone: (630) 990-0300 (630) 990-0301 Fax:

Re: Project Number/Name: 27193-4.07, Rogers Park

STAT Project Number:

702073

STAT Sample Nos.:

918895 - 918903

Date Received:

June 20, 2001

Dear Ms. Kelly:

Enclosed are the analytical results for the above referenced project. The samples were analyzed as per the enclosed chain of custody.

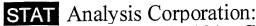
All analyses were performed in accordance with methods from the USEPA publication Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, SW-846, 3rd Edition, December, 1996. Specific method references are listed on the analytical report. Where applicable, results are expressed on a dry weight basis as per method protocols.

All analyses were performed within the established holding times, and all quality control criteria, as outlined in the method have been met. QA/QC documentation and raw data will remain on file for future reference.

Thank you for the opportunity to serve you and we look forward to working with you in the future. If you have any questions about the enclosed materials, please call me at 312-733-0551.

Sincerely,

Craig Chawla Project Manager



STAT Analysis Corporation:
2201 West Campbell Park Drive, Chicago, Illinois 60612-3547 Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com





### **Analytical Report**

Client:

Burns & McDonnell

Project ID:

27194-4.07, Rogers Park

Sample Number:

3, RPE-CS03-001

STAT Project No.: 702073

STAT Sample No.: 918897

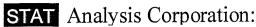
Date Received: 6/21/01

Date Taken: 6/21/01

Time Taken: AM

Date Reported: 6/27/01

Analyte	<b>Detection Limit</b>	Result	Units
Solids, Total		82.98	%
Polynuclear Aromatic Hydrocarbons Preparation Date: 6/21/01 Analysis Date: 6/22/01	Method 8270C		
Naphthalene	0.025	< 0.025	mg/Kg
Acenapthylene	0.025	< 0.025	mg/Kg
Acenaphthene	0.025	< 0.025	mg/Kg
Fluorene	0.025	< 0.025	mg/Kg
Phenanthrene	0.025	< 0.025	mg/Kg
Anthracene	0.025	< 0.025	mg/Kg
Fluoranthene	0.025	< 0.025	mg/Kg
Pyrene	0.025	< 0.025	mg/Kg
Chrysene	0.025	< 0.025	mg/Kg
Benzo[a]anthracene	0.025	< 0.025	mg/Kg
Benzo[b]fluoranthene	0.025	< 0.025	mg/Kg
Benzo[k]fluoranthene	0.025	< 0.025	mg/Kg
Benzo[a]pyrene	0.025	< 0.025	mg/Kg
Indeno[1,2,3-cd]pyrene	0.025	< 0.025	mg/Kg
Dibenz[a,h]anthracene	0.025	< 0.025	mg/Kg
Benzo[g,h,i]perylene	0.025	< 0.025	mg/Kg
<b>Total Lead Method 6020</b> Analysis Date: 6/23/01			
Lead	0.500	29.5	mg/Kg
SPLP Lead Method 1312/6020 Analysis Date: 6/23/01			
Lead	0.005	0.017	mg/L



2201 West Campbell Park Drive, Chicago, Illinois 60612-3547 Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com





### **Analytical Report**

Client:

Burns & McDonnell

Project ID:

27194-4.07, Rogers Park

Sample Number:

4, RPE-CS04-001

STAT Project No.: 702073

STAT Sample No.: 918898

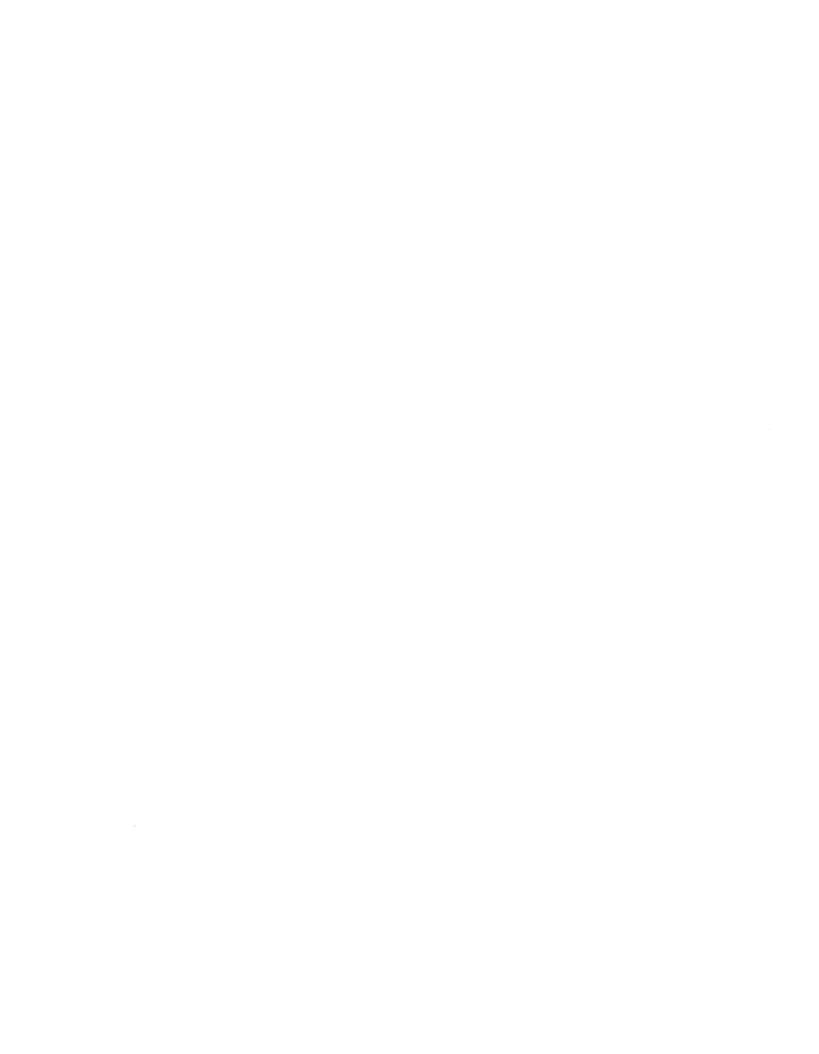
Date Received: 6/21/01

Date Taken: 6/21/01

Time Taken: AM

Date Reported: 6/27/01

Analyte	<b>Detection Limit</b>	Result	Units
Solids, Total		78.62	%
Polynuclear Aromatic Hydrocarbons	s Method 8270C		
Preparation Date: 6/21/01			
Analysis Date: 6/22/01			
Naphthalene	0.025	< 0.025	mg/Kg
Acenapthylene	0.025	< 0.025	mg/Kg
Acenaphthene	0.025	< 0.025	mg/Kg
Fluorene	0.025	< 0.025	mg/Kg
Phenanthrene	0.025	0.057	mg/Kg
Anthracene	0.025	< 0.025	mg/Kg
Fluoranthene	0.025	0.131	mg/Kg
Pyrene	0.025	0.108	mg/Kg
Chrysene	0.025	0.094	mg/Kg
Benzo[a]anthracene	0.025	0.078	mg/Kg
Benzo[b]fluoranthene	0.025	0.075	mg/Kg
Benzo[k]fluoranthene	0.025	0.075	mg/Kg
Benzo[a]pyrene	0.025	0.070	mg/Kg
Indeno[1,2,3-cd]pyrene	0.025	0.042	mg/Kg
Dibenz[a,h]anthracene	0.025	< 0.025	mg/Kg
Benzo[g,h,i]perylene	0.025	0.039	mg/Kg
Total Lead Method 6020			
Analysis Date: 6/23/01			
Lead	0.500	66.0	mg/Kg
SPLP Lead Method 1312/6020			
Analysis Date: 6/23/01			
Lead	0.005	0.025	mg/L



								MAIN	MARK			Poviga	ON OF	DOWD	Topic (	OBJEC OBJEC	are all												
NW(M)	of			Turnaround Time:	(days)	Results Needed:	/ am/pm	418845	Th	9(8877	3188316	9(889)	1 1	1 1	1 1	718702	4(8703									Contact Information:	Phone Number: (630) 990 0300	<u> </u>	T. L. MILLNER
	Page :	YSES					Pamarks																			Cont	P Phone Numbe	Fax Number:	Attention: Other Contact:
AHR Environmental Lead and Industrial hygiene ACCREDITED LABORATORY		TYPE OF ANALYSES																				·				Sample Verification	<b>S</b> [	$\overline{X}$	o V
2386								1																		. S.	Yes	7	b Sample ID Yes
)f) Chicago, Illinois 60612-3547 Phone: (312) 733-0551 Fax: (312) 733-2386 <u>Anahsis.com</u> AIHA accredited 10248, NVLAP accredited 101202-0	ECORD			\	1			<del>                                      </del>	X	XXX	アメノ		  X 			* * * * * * * * * * * * * * * * * * *										Lab. Users	- Container OK	- Samples Leaking  Definement (Tem.:	- Kerrigerace (Lemp
one: (312) 733-05 248, NVLAP accr	CUSTODY RECORD						ਨੇ Containers	3/403			+	29/1/2		,									-			0051 10/17,	1500		(701 1011219
is 60612-3547 Ph HA accredited 10	CHAIN OF	7			JE		Time Comp	X MM X	10 AM X	(c) AM X	(si Mm X	X WU M	X 1/2 1/4	1	Ц	X 1/1/10 17	- 1 1/1/1 X									Date/Time: 6/2	7		Date/Time: 6 Date/Time:
Analysis Corporation 2201 West Campbell Park Drive, Chicago, Illinois 60612-3547 Phone: (312) 733-0551 Fax: (312) 7 e-mail address: <u>STATinfo@STATAnalysis.com</u> AIHA accredited 10248, NVLAP accredited 101202-0		MCDOWNEL	4.07	Park	N. KEDZIE		Date Taken	001 6/24	100			111/1/1/1/1/100	100	<u> </u>	100	-00/ 6/4/4	00 1 Wite				/				_		Somo		
Analysis Corporation 2201 West Campbell Park Drive, Cl e-mail address: <u>STATInfo@STATAn</u>		BURNS + 1	-46		Į	JASS	Sample Description	RPM - C501-C	5053	6503	į	-6301	1037	1000	11	Ш	- 66 0B -			H	HOUR	T.0.7					541		ture)
			Project Number: 7	Project Name: (るo	Location/Address: (	+		ZPM	PPM-	RPE	PPE-	RPP	000	000		KPP-	RP.		_	/ RUSH	- 42			/		Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received for lab by: (Signature) Relinquished by: (Signature)
STAT		Client Name:	Project	Project	Locatic	Samplers:	Client Sample No.:	_	4	$\sim$	h	4		14		26	6									Relinqu	Receive	Relingu	Relingu

### 2C SOIL PNA SURROGATE RECOVERY

Lab Name:	STAT	Analysis		Contract:Burns&McDonnell
Project No: 7	02073	Site:	Location:	Group:

	Sample No.	S1	S2	S3	Total Out
01	PNA Soil Blank-2 06/21/01	37	37	44	0
02	PNA Soil LCS-2 06/21/01	37	36	42	0
03	RPM-CS01-001	29	33	40	0
04	RPM-CS02-001	40	47	59	0
05	RPE-CS03-001	39	40	42	0
06	RPE-CS04-001	17*	35	58	1
07	RPP-CS01-001	23	25*	31	1
08	RPP-CS04-001	60	65	70	0
09	RPP-CS05-001	30	29*	34	1
10	RPP-CS07-001	26	34	61	0
11	RPP-CS08-001	30	31	55	0
12	918797	37	38	43	0
13	918797MS	34	36	63	0
14	918797MSD	48	46	58	0

QC LIMITS
S1 (NBZ) = d5-Nitrobenzene
(23-120)
S2 (FBP) = 2-Fluorobiphenyl
(30-115)
S3 (TPH) = Terphenyl-d14
(18-137)

# Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate Diluted out

### 4B SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

**SBLKSOI** 

Lab Name: STAT Analysis

Contract: Burns&McDonnell

SAS No.:

SDG No.:

Lab Code: Lab File ID:

06220111.D

Lab Sample ID: PNA BLANK

Instrument ID:

GC/MS-SVOC-2

Case No.:

Date Extracted:

06/21/01

Matrix: (soil/water) SOIL

06/22/01

Date Analyzed:

Level: (low/med)

LOW

Time Analyzed:

14:36

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA	LAB	LAB	DATE
	SAMPLE NO.	SAMPLE ID	FILE ID	ANALYZED
01	PNA SOIL LCS-2	PNASLCS062101	06220112.D	06/22/01
	06/21/01			
02	RPM-CS01-001	918895	06250139.D	06/25/01
03	RPM-CS02-001	918896	06210125.D	06/21/01
04	RPE-CS03-001	918897	06210126.D	06/21/01
05	RPE-CS04-001	918898	06250140.D	06/25/01
06	RPE-CS01-001	918899	06250141.D	06/25/01
07	RPP-CS04-001	918900	06210129.D	06/21/01
08	RPP-CS05-001	918901	06220107.D	06/22/01
09	RPP-CS07-001	918902	06210131.D	06/21/01
10	RPP-CS08-001	918903	06220108.D	06/22/01
11	918797	918797	06210133.D	06/21/01
12	918797MS	918797MS	06210134.D	06/21/01
13	918797MSD	918797MSD	06210135.D	06/21/01

COMMENIS:			

### 3 C SOIL POLYNUCLEAR AROMATIC LABORATORY CONTROL SAMPLE RECOVERY

Lab Name:	STAT Analysis Co	rporation	Contract:	Burns & McD	onnell	
Lab Code:	702073	Case No :	_ SAS No.:		SDG No.:	
LCS - Sample ID:	·	SBLNK -2 062101	_			

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC
Napthalene	167	0	61	37	30-140
Acenaphthylene	167	0	71	42	30-140
Acenaphthene	167	0	56	34	31-137
Fluorene	167	0	68	41	30-140
Phenanthrene	167	0	65	39	30-140
Anthracene	167	0	72	43	30-140
Fluoranthene	167	0	72	43	30-140
Pyrene	167	0	69	41	35-142
Benzo(a)anthracene	167	0	93	56	30-140
Chrysene	167	0	94	56	30-140
Benzo(b)fluoranthene	167	0	87	52	30-140
Benzo(k)fluoranthene	167	0	92	55	30-140
Benzo(a)pyrene	167	0	85	51	30-140
Ideno(1,2,3-cd)pyrene	167	0	104	63	30-140
Dibenz(a,h)anthrancene	167	0	99	59	30-140
Benzo(g,h,i) perylene	167	0	95	57	30-140

# Column to be used to flag recovery with an a	sterisk
* Values outside of OC limits	

* Values outside of QC limits
Spike Recovery: 0 out of 16 outside limits

COMMENTS:	

OLM03.0

### 3 C SOIL POLYNUCLEAR AROMATIC MATRIX SPIKE/ MATIX SPIKE DUPLICATE RECOVERY

Lab Name: Stat Analysis		Contract: Burns & McDonnell			
Lab Code: 702073	Case No.:	SAS No.:	SDG No :	_	
Matrix Spike - Sample ID:	918797				

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC
Napthalene	167	33	72	23 *	30-140
Acenaphthylene	167	11	68	35	30-140
Acenaphthene	167	9	63	32	31-137
Fluorene	167	6	62	34	30-140
Phenanthrene	167	192	250	35	30-140
Anthracene	167	14	103	53	30-140
Fluoranthene	167	34	116	49	30-140
Pyrene	167	43	121	47	35-142
Benzo(a)anthracene	167	28	136	65	30-140
Chrysene	167	31	134	62	30-140
Benzo(b)fluoranthene	167	12	64	31	30-140
Benzo(k)fluoranthene	167	10	92	49	30-140
Benzo(a)pyrene	167	11	79	41	30-140
Ideno(1,2,3-cd)pyrene	167	7	96	53	30-140
Dibenz(a,h)anthrancene	167	4	89	51	30-140
Benzo(g,h,i) perylene	167	7	85	47	30-140

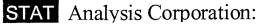
Compound	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #		QC L RPD	IMITS REC
Napthalene	167	98	39	49 *		25	30-140
Acenaphthylene	167	73	37	7		25	30-140
Acenaphthene	167	68	35	9		25	31-137
Fluorene	167	67	36	8	]	25	30-140
Phenanthrene	167	198	4 *	160 *		25	30-140
Anthracene	167	99	51	4		25	30-140
Fluoranthene	167	104	42	16		25	30-140
Pyrene	167	109	40	16		25	35-142
Benzo(a)anthracene	167	125	58	11		25	30-140
Chrysene	167	122	54	13		25	30-140
Benzo(b)fluoranthene	167	74	37	18		25	30-140
Benzo(k)fluoranthene	167	81	42	25		25	30-140
Benzo(a)pyrene	167	72	36	11		25	30-140
Ideno(1,2,3-cd)pyrene	167	85	47	12		25	30-140
Dibenz(a,h)anthrancene	167	79	45	11		25	30-140
Benzo(g,h,i) pervlene	167	76	41	12		25	30-140

# Caluman to be	used to floor	ecovery and RPD	values with a	n actorick
# Column to be	used to nad it	COVELY alla KED	Values Willia	II daterian

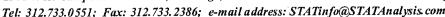
* Values outside of QC limits RPD: Spike Recovery:

2 out of 16 outside limits 2 out of 32 outside limits

COMMENTS:



2201 West Campbell Park Drive, Chicago, Illinois 60612-3547





### INORGANIC Initial Batch QC

Lab Name:

STAT Analysis Corporation

Contract: Burns & McDonnell

Project No.:

27194-4.07

Instrument: ICPMS

&

Batch No.:

702073

Associated Samples:

918895 - 918903

									Prepara	ation	
	L	CS 1 (μg/I	_) "	L	CS 2 (μg/I	ر)			Blan	ık	
Analyte	True	Found	%R	True	Found	%R	RPD	C		С	M
Beryllium	500	395	78.9	500	390	78.0	1.15		0.03		MS
Chromium	500	481	96.1	500	496	99.1	3.07		0.45		MS
Lead	500	489	97.8	500	485	97.0	0.86		0.36		MS

## INORGANIC Matrix Spike and Matrix Spike Dupliacte Recovery Form

Lab Name:

STAT Analysis Corporation

Instrument: ICPMS

Batch No .:

702073

Project No.:

27194-4.07

Sample No.: 918895

Matrix (soil/water):

Soil

Sample Spike No.: 918895 MS

Concentration Units:

μg/L

Sample Spike Duplicate No.: 918895 MSD

Associated Samples:

918895 - 918903

	Spike	Spike										
	Added	Added	Sample									
Analyte	MS	MSD	Result	MS	%R	C	MSD	%R	C	RPD	Q	M
Beryllium	500	500	15.4	393	75.5		440	84.9		11.3		MS
Chromium	500	500	425	724	59.8	M	867	88.4		18.0		MS
Lead	500	500	481	802	64.2	M	969	97.6		18.9		MS

M = Matrix Interference





### INORGANIC Initial Batch QC

Lab Name:

STAT Analysis Corporation

Contract: Burns & McDonnell

Project No.:

27194-4.07

Instrument: ICPMS

Batch No .:

702073

Associated Samples:

918895-918903

	]	LCS 1 (μg	/L)	LCS	S 2 (μg/L	)	RPD	С	Preparation Blank	
Beryllium	500	387	77.4	500	373	74.6	3.6		0.00	MS
Chromium	500	444	88.7	500	423	84.5	4.8		0.05	MS
Lead	500	453	90.5	500	451	90.3	0.2		0.36	MS

### INORGANIC Matrix Spike and Matrix Spike Dupliacte Recovery Form

Lab Name:

STAT Analysis Corporation

Instrument: ICPMS

Batch No.:

702073

**ICPMS** 

Project No.:

27194-4.07

Sample No.:

918895

Matrix (soil/water):

**SPLP** 

Sample Spike No.:

918895MS

Concentration Units:

918895MSD

mg/L

Sample Spike Duplicate No.:

Associated Samples:

918895-918903

Analyte	Spike Added MS	Spike Added MSD	Sample Result	MS	%R	С	MSD	%R	С	RPD	Q	М
Beryllium	500	500	7.06	397	78.0		389	76.4		2.1		MS
Chromium	500	500	21.3	469	89.6		445	84.7		5.3		MS
Lead	500	500	16.6	496	95.9		478	92.4		3.6		MS

2201 West Campbell Park Drive Chicago, IL 60612-3547 312.733.0551 Fax:312.733.2386 e-mail address: STATinfo@STATAnalysis.com AIHA accredited 10248, NVLAP accredited 101202-0

PEDRLES GAS ROBERS PARK EAST

March 27, 2002

Margaret Kelley Burns & McDonnell 2601 W. 22nd Street OakBrook, IL 60523-1229 Telephone: (630) 990-0300

Fax:

(630) 990-0301

RE: 28019, Peoples Gas - Rogers Park East Parcel

STAT Project No: 0203074

Dear Margaret Kelley:

STAT Analysis received 2 samples for the referenced project on 3/12/2002. The analytical results are presented in the following report.

All analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except where noted in the Case Narrative.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Craig Chawla

Project Manager

Date: March 27, 2002

Client:

Burns & McDonnell

Project:

28019, Peoples Gas - Rogers Park East Parcel

Work Order Sample Summary

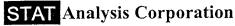
Lab Order:

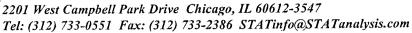
0203074

 Lab Sample ID
 Client Sample ID
 Tag Number
 Collection Date
 Date Received

 0203074-001A
 RPE-CS-010
 2'
 3/12/02 1:10:00 PM
 3/12/02

 0203074-002A
 RPE-CS-011
 2'
 3/12/02 1:15:00 PM
 3/12/02









Date Reported: March 26, 2002

Date Printed: March 27, 2002

Client:

Burns & McDonnell

Lab Order:

0203074

28019, Peoples Gas - Rogers Park East Parcel

Project: Lab ID:

0203074-001

Client Sample ID: RPE-CS-010

Collection Date: 3/12/02 1:10:00 PM

Matrix: Soil

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
SPLP Mercury	SW	1312/7470A	Prep Date:	3/14/02	Analyst: <b>DI</b>
Mercury	ND	0.00025	mg/L	1	3/14/02
SPLP Metals by ICP/MS	sw	1312/6020	Prep Date:	3/26/02	Analyst: MCL
Arsenic	ND	0.01	mg/L.	5	3/26/02
Barium	053	0.01	mg/L.	5	3/26/02
Cadmium	ND	0.005	mg/L	5	3/26/02
Chromium	ND	0.01	mg/L	5	3/26/02
Lead	ND	0.005	mg/L	5	3/26/02
Selenium	ND	0.01	mg/L	5	3/26/02
Silver	ND	0.25	mg/L	5	3/26/02
Polynuclear Aromatic Hydrocarbons	SW	/8270(SIM)	Prep Date:	3/12/02	Analyst: <b>VS</b>
Acenaphthene	ND	0.03	mg/Kg-dry	1	3/13/02
Acenaphthylene	ND	0.03	mg/Kg-dry	1	3/13/02
Anthracene	ND	0.03	mg/Kg-dry	1	3/13/02
Benz(a)anthracene	ND	0.03	mg/Kg-dry	1	3/13/02
Benzo(a)pyrene	ND	0.03	mg/Kg-dry	1	3/13/02
Benzo(b)fluoranthene	ND	0.03	mg/Kg-dry	1	3/13/02
Benzo(g,h,i)perylene	ND	0.03	mg/Kg-dry	1	3/13/02
Benzo(k)fluoranthene	ND	0.03	mg/Kg-dry	1	3/13/02
Chrysene	0.033	0.03	mg/Kg-dry	1	3/13/02
Dibenz(a,h)anthracene	ND	0.03	mg/Kg-dry	1	3/13/02
Fluoranthene	0.055	0.03	mg/Kg-dry	1	3/13/02
Fluorene	ND	0.03	mg/Kg-dry	1	3/13/02
Indeno(1,2,3-cd)pyrene	ND	003	mg/Kg-dry	1	3/13/02
Naphthalene	ND	003	mg/Kg-dry	1	3/13/02
Phenanthrene	0.038	003	mg/Kg-dry	1	3/13/02
Pyrene	0044	003	mg/Kg-dry	1	3/13/02
Percent Moisture	D22	216	Prep Date:	3/12/02	Analyst: CC
Percent Moisture	15.63	001	wt%	1	3/12/02

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

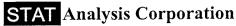
B - Analyte detected in the associated Method Blank

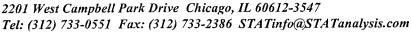
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range









Date Reported: March 26, 2002

Date Printed: March 27, 2002

Client:

Burns & McDonnell

Lab Order:

0203074

28019, Peoples Gas - Rogers Park East Parcel

Project: Lab ID:

0203074-002

Client Sample ID: RPE-CS-011

**Collection Date:** 3/12/02 1:15:00 PM

Matrix: Soil

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
SPLP Mercury	SW	/1312/7470A	Prep Date:	3/14/02	Analyst: <b>DI</b>
Mercury	ND	0.00025	mg/L	1	3/14/02
SPLP Metals by ICP/MS	sw	1312/6020	Prep Date:	3/26/02	Analyst: MCL
Arsenic	ND	0.01	mg/L	5	3/26/02
Barium	0.59	0.01	mg/L	5	3/26/02
Cadmium	ND	0.005	mg/L	5	3/26/02
Chromium	ND	001	mg/L.	5	3/26/02
Lead	ND	0.005	mg/L	5	3/26/02
Selenium	ND	0.01	mg/L	5	3/26/02
Silver	ND	0.25	mg/L	5	3/26/02
Polynuclear Aromatic Hydrocarbons	sw	/8270(SIM)	Prep Date:	3/12/02	Analyst: VS
Acenaphthene	ND	0.029	mg/Kg-dry	1	3/13/02
Acenaphthylene	ND_	0.029	mg/Kg-dry	1	3/13/02
Anthracene	ND	0.029	mg/Kg-dry	1	3/13/02
Benz(a)anthracene	ND	0.029	mg/Kg-dry	1	3/13/02
Benzo(a)pyrene	ND	0.029	mg/Kg-dry	1	3/13/02
Benzo(b)fluoranthene	ND	0.029	mg/Kg-dry	1	3/13/02
Benzo(g,h,i)perylene	ND	0.029	mg/Kg-dry	1	3/13/02
Benzo(k)fluoranthene	ND	0.029	mg/Kg-dry	1	3/13/02
Chrysene	ND	0.029	mg/Kg-dry	1	3/13/02
Dibenz(a,h)anthracene	ND	0.029	mg/Kg-dry	1	3/13/02
Fluoranthene	ND	0.029	mg/Kg-dry	1	3/13/02
Fluorene	ND	0.029	mg/Kg-dry	1	3/13/02
Indeno(1,2,3-cd)pyrene	ND	0.029	mg/Kg-dry	1	3/13/02
Naphthalene	ND	0.029	mg/Kg-dry	1	3/13/02
Phenanthrene	ND	0.029	mg/Kg-dry	1	3/13/02
Pyrene	ND	0.029	mg/Kg-dry	1	3/13/02
Percent Moisture	D22	216	Prep Date:	3/12/02	Analyst: CC
Percent Moisture	13.21	0.01	wt%	1	3/12/02

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range



# Request for Chemical Analysis and Chain of Custody Record

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Burns & McDon	Burns & McDonnell Engineering 2601 W 22nd St	_	Laborate	Laboratory: 51 p	Ki, I	5	4 815			<u> </u>	ab. Re	ference	e No. ol	Lab. Reference No. or Episode No.:	No.:	02620	4
Oak Brook, I	Oak Brook, Illinois 60523		Address:	. 2201 West	West	$\smile$	KMIRBLL PARK	.	D. P.	<u></u>	-						-
Phone: (630)	Phone: (630) 990-0300 Fax: (630) 990-0301	30) 990-0301	City/State/Zip:	$\sim$	CHC460		)						800	(b)			
Attention:			Telephone:	7	315	733	3-055	75				-4,	\S\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	133)			
Project Number:	iber: 28019			)				(J)	Sample Type			ON)	3/				
Site Name:	geoples a	GAS , 1	Robous	PARK	EAST	4	ROEL		Matrix	/	to hac ananis	PIPUL	PA SA				
			Sample	Sample Event	Sample	Sample Depth (in feet)	Sample			·	SinoC	Ho	W				
Group or SWMU Name	Sample Point	Sample Designator	Round	Year	From	2	Date T	(0)	Liqu iloS	වෙකව 		25\ \$\	<b>&gt;</b> >			/ Remarks	s,
	RAE-CS-010					2,	3/12/02 13	1310	×		2 X	×				COMMOS ITE	100
	RPE-CS-011		ı			2,		1315	X		7 ×	×					8
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/ Speri	SUAL 3-12.							***************************************				THE PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED IN COLUMN TO PERSON NAMED I	TY MA	TANBACO	}	SPLP METRIS(RUE)	S(cc
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**Date:** 27-Mar-02

**CLIENT:** 

Burns & McDonnell

Work Order:

0203074

Project:

28019, Peoples Gas - Rogers Park East Parcel

Test No:

SW8270(SIM)

Matrix: S

QC SUMMARY REPORT SURROGATE RECOVERIES

Sample ID	DCBZ12D4	NO2BZD5	PHEN2F	PHEND14		
0203074-001A	66.9	86.2	78.0	75.2		
0203074-002A	46.9	43.3	48.1	66.9		
MB-1815-PNA	52.7	57.1	75.4	97.4		
LCS-1815-PNA	60.9	67.9	868	100		
MB-1815-PNA		60.9	69.5	93.8	·	
LCS-1815-PNA		84.8	80.4	99.8		

Acronym	Surrogate	QC Limits
DCBZ12D4	= 1,2-Dichlorobenzene-d4	20-130
NO2BZD5	= Nitrobenzene-d5	23-120
PHEN2F	= 2-Fluorobiphenyl	30-115
PHEND14	= 4-Terphenyl-d14	18-137

^{*} Surrogate recovery outside acceptance limits

PREP BATCH REPORT

Page:1 of1

Prep Factor Units:

3/12/02 3:03:40 PM 3/12/02 7:47:27 PM Prep Start Date: Prep End Date:

Prep Batch 1815	Prep Code: 3550_PNA	le: 3550		Technician: PG			mL / Kg		
Sample ID	Matrix	Нd	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0202124-001B	Soil		0.03081	0	0	+	32.457	3/12/02	3/12/02
0202124-003B	Soil		0.03029	0	0	-	33.014	3/12/02	3/12/02
0202124-004B	Soil	-	0.03053	0	0	Ψ	32.755	3/12/02	3/12/02
0202124-005B	Soil		0.03008	0	0		33.245	3/12/02	3/12/02
0202124-006B	Soil		0.03025	0	0	_	33.058	3/12/02	3/12/02
0202124-007B	Soil	-	0.0303	0	0	<b>₽</b>	33.003	3/12/02	3/12/02
0203070-001A	Soil		0.03011	0	0	<b>~</b>	33.212	3/12/02	3/12/02
0203070-002A	Soil		0.03096	0	0	_	32.300	3/12/02	3/12/02
0203070-003A	Soil		0.03081	0	0	~	32.457	3/12/02	3/12/02
0203074-001A	Soil	to a second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second seco	0.03051	0	0	-	32.776	3/12/02	3/12/02
0203074-002A	Soil		0.03056	0	0	-	32.723	3/12/02	3/12/02
LCS-1815-PNA			0.03	0	0	-	33.333	3/12/02	3/12/02
MB-1815-PNA			0.03	0	0	-	33.333	3/12/02	3/12/02

### PREP BATCH REPORT

Page:1 of 1

Prep Start Date: 3/14/02 Prep End Date: 3/14/02

Prep Batch 1846	1846	Prep Code: M_W_PREP	N N		Technician: LB			mL/mL	
Sample ID		Matrix	рН	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	factor PrepStart
0203032-011A		Soil		90	0	0	90	1.000	3/14/02
0203074-001A		lios		5	_	c	<u> </u>	1 000	3/14/02

Prep End Date: 3/14/02	14/02					Ą	Prep Factor Units:	its:		
Prep Batch 1846	Prep Co	Prep Code: M_W_PR	₹EP	Technician: LB			mL/mL			
Sample ID	Matrix	Hd	SampAmt	Sol Added	Sol Recov	Fin Vol	Fin Vol factor	PrepStart	PrepEnd	
0203032-011A	Soil		90	0	0	50	1.000	3/14/02	3/14/02	
0203074-001A	Soil		90	0	0	20	1.000	3/14/02	3/14/02	
0203074-002A	Soil		90	0	0	50	1.000	3/14/02	3/14/02	
0203074-002AMS	Soil		90	0	0	50	1.000	3/14/02	3/14/02	
0203074-002AMSD	Soil		50	0	0	90	1.000	3/14/02	3/14/02	
0203075-001A	Soil		90	0	0	90	1.000	3/14/02	3/14/02	
LCSDW1 03/14			50	0	0	50	1.000	3/14/02	3/14/02	
LCSW1 03/14			50	0	0	20	1.000	3/14/02	3/14/02	
MBW1 03/14			50	0	0	90	1.000	3/14/02	3/14/02	

Prep Start Date: **3/26/02**Prep End Date: **3/26/02** 

Prep Factor Units:

PREP BATCH REPORT

Page:1 of2

			í L			7	Prep Factor Units:	nts:	
Prep batch 1988	Prep Code: M_W_PR	M_W_	EP	lechnician: BTN			mL/mL		
Sample ID	Matrix	рН	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MBW1 03/26			90	0	0	50	1.000	3/26/02	3/26/02
LCSW1 03/26			50	0	0	50	1.000	3/26/02	3/26/02
LCSDW1 03/26	Transfer of real and the		50	0	0	90	1.000	3/26/02	3/26/02
0203074-001A	Soil		20	0	0	90	1.000	3/26/02	3/26/02
0203074-001AMS	Soil		20	0	0	50	1.000	3/26/02	3/26/02
0203074-001AMSD	Soil		20	0	0	90	1.000	3/26/02	3/26/02
0203074-002A	Soil		20	0	0	20	1.000	3/26/02	3/26/02
0203142-002B	Soil		20	0	0	90	1.000	3/26/02	3/26/02
0203142-004B	Soil		20	0	0	50	1.000	3/26/02	3/26/02
0203162-001A	Soil		50	0	0	90	1.000	3/26/02	3/26/02
0203162-002A	Soil		20	0	0	90	1.000	3/26/02	3/26/02
0203162-003A	Soil		20	0	0	20	1.000	3/26/02	3/26/02
0203162-004A	Soil		20	0	0	20	1.000	3/26/02	3/26/02
0203162-005A	Soil		20	0	0	50	1.000	3/26/02	3/26/02
0203163-001A	Soil		90	0	0	50	1.000	3/26/02	3/26/02
0203163-002A	Soil		20	0	0	90	1.000	3/26/02	3/26/02
0203163-003A	Soil		20	0	0	20	1.000	3/26/02	3/26/02
0203163-004A	Soil		50	0	0	20	1.000	3/26/02	3/26/02
0203166-001C	Water		20	0	0	90	1.000	3/26/02	3/26/02
0203166-002C	Water		20	0	0	20	1.000	3/26/02	3/26/02
0203166-003C	Water		20	0	0	90	1.000	3/26/02	3/26/02
0203166-004C	Water		20	0	0	20	1.000	3/26/02	3/26/02
0203166-005C	Water		20	0	0	20	1.000	3/26/02	3/26/02
0203166-005CMS	Water		50	0	0	90	1.000	3/26/02	3/26/02
0203166-005CMSD	Water		20	0	0	20	1.000	3/26/02	3/26/02

PREP BATCH REPORT

Page:2 of 2

Prep Start Date: **3/26/02**Prep End Date: **3/26/02** 

**PrepStart** Prep Factor Units: 1.000 1.000 factor mt/m 20 20 Fin Vol 0 0 Sol Recov Technician: BTN 0 0 Sol Added SampAmt 20 20 Prep Code: M_W_PREP Hd Matrix Water Soil Prep Batch 1988 0203166-006C 0203166-008B Sample ID

PrepEnd

3/26/02 3/26/02

3/26/02 3/26/02

CLIENT:

Work Order:

Burns & McDonnell 0203074 28019, Peoples Gas - Rogers Park East Parcel Project:

## ANALYTICAL QC SUMMARY REPORT

Date: March 27, 2002

BatchID: 1846

Sample ID: MBW1 03/14	SampType: MBLK	TestCoc	TestCode: M_ICPMS_W	/ Units: mg/L		Prep Date:	3/14/02		Run ID: ICPMS_020314A	120314A
Client ID: ZZZZZ	Batch ID: 1846	Testh	TestNo: SW6020		•	Analysis Date:	3/14/02		SeqNo: 42495	
Analyte	Result	Pal	SPK value S	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RP	RPDLimit Qual
Arsenic	QN	0.0020								
Barium	QN	0.0020								
Cadmium	QN	0.0010								
Chromium	QN	0.0020								
Lead	QN	0.0010								
Selenium	QN	0.0020								
Silver	QN	0.0020								
Sample ID: LCSW1 03/14	SampType: LCS	TestCoo	TestCode: M_ICPMS_W	/ Units: mg/L		Prep Date:	3/14/02		Run ID: ICPMS_020314A	320314A
Client ID: ZZZZZ	Batch ID: 1846	Test	TestNo: SW6020			Analysis Date:	3/14/02		SeqNo: 42500	
Analyte	Result	POL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RP[	RPDLimit Qual
Arsenic	0.4562	0.0020	0.5	0	91.2	80	120	0	0	
Barium	0.4806	0.0020	0.5	0	96.1	80	120	0	0	
Cadmium	0.4795	0.0010	0.5	0	95.9	80	120	0	0	
Chromium	0.4898	0.0020	0.5	0	86	80	120	0	0	
Lead	0.4647	0.0010	0.5	0	92.9	88	120	0	0	
Selenium	0.489	0.0020	0.5	0	8.76	88	120	0	0	
Silver	0,491	0.0020	0.5	0	98.2	80	120	0	0	
Sample ID: LCSDW1 03/14	14 SampType: LCSD	TestCo	TestCode: M_ICPMS_W	/ Units: mg/L		Prep Date:	3/14/02		Run ID: ICPMS_020314A	020314A
Client ID: ZZZZZ	Batch ID: 1846	Test	TestNo: SW6020			Analysis Date:	3/14/02		SeqNo: 42501	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPI	RPDLimit Qual
Arsenic	0.4482	0.0020	0.5	0	89.6	80	120	0.4562	1.77	20
Barium	0.4772	0.0020	0.5	0	95.4	80	120	0.4806	0.710	20
Cadmium	0.4703	0.0010	9'0	0	94.1	80	120	0.4795	1.94	20
Chromium	0.4797	0.0020	0.5	0	95.9	80	120	0.4898	2.08	20
Lead	0.4615	0.0010	0.5	0	92.3	80	120	0.4647	0.691	20
		A COMPANY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE P						And delicate the first of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s		
Qualifiers: ND - N	ND - Not Detected at the Reporting Limit		S - Spike	S - Spike Recovery outside accepted recovery limits	cepted reco	very limits	Н	- Analyte detect	B - Analyte detected in the associated Method Blank	ethod Blank

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R - RPD outside accepted recovery limits

J - Analyte detected below quantitation limits

Work Order: 0203074

Project:

28019, Peoples Gas - Rogers Park East Parcel

ANALYTICAL QC SUMMARY REPORT

BatchID: 1846

Sample ID: LCSDW1 03/14	SampType: LCSD	TestCoo	e: M_ICPMS_	TestCode: M_ICPMS_W Units: mg/L		Prep Date:	s: 3/14/02		Run ID: ICP	Run ID: ICPMS_020314A	
Client ID: ZZZZZ	Batch ID: 1846	Test	stNo: SW6020		•	Analysis Date:	e: 3/14/02		SeqNo: 42501	501	
Analyte	Result	PQL	SPK value	SPK value SPK Ref Val	%REC	LowLimit	HighLimit	%REC LowLimit HighLimit RPD Ref Val	%RPD	%RPD RPDLimit	Qual
Selenium	0.4779	0.0020	0.5	0	92.6	80	120	0.489	2.30	20	
Silver	0.4864	0.0020	0.5	0	97.3	8	120	0.491	0.941	20	

Work Order: 0203074

28019, Peoples Gas - Rogers Park East Parcel

Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: 1848

Sample ID: MBW1 03/14 Client ID: ZZZZZ	SampType: MBLK Batch ID: 1848	TestCod	TestCode: M_HG_WATE TestNo: SW7470A	E Units: mg/L		Prep Date: Analysis Date:	3/14/02		Run ID: CETAC_020314A SeqNo: 42385	AC_020314A	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD F	RPDLimit (	Qual
Mercury	QN	0.00025									
Sample ID: LCSW1 03/14 Client ID: ZZZZZ	SampType: LCS Batch ID: 1848	TestCod	de: M_HG_WAT	TestCode: M_HG_WATE Units: mg/L TestNo: SW7470A	4	Prep Date: Analysis Date:	3/14/02		Run ID: CETAC_020314A SeqNo: 42386	AC_020314A	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD F	RPDLimit (	Qual
Mercury	0.00255	0.00025	0.0025	0	102	80	120	0	0		
Sample ID: LCSDW1 03/14 Client ID: ZZZZZ	SampType: LCSD Batch ID: 1848	TestCod	TestCode: M_HG_WATE TestNo: SW7470A	TE Units: mg/L	ď	Prep Date: Analysis Date:	3/14/02		Run ID: CETAC_020314A SeqNo: 42387	AC_020314A	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD F	RPDLimit	Qual
Mercury	0.00254	0.00025	0.0025	0	102	80	120	0.00255	0.393	20	
Sample ID: 0203100-001CMS Client ID: ZZZZZ	SampType: MS Batch ID: 1848	TestCod	TestCode: M_HG_WATE TestNo: SW7470A	re Units: mg/L	,	Prep Date: Analysis Date:	3/14/02		Run ID: CETAC_020314A SeqNo: 42409	4C_020314A 9	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD F	RPDLimit	Quai
Mercury	0.00249	0.00025	0.0025	0	93.6	75	125	0	0		
Sample ID: 0203100-001CMSD Client ID: ZZZZZ	SampType: MSD Batch ID: 1848	TestCoc	stCode: M_HG_WA1 TestNo: SW7470A	TestCode: M_HG_WATE Units: mg/L TestNo: SW7470A		Prep Date: Analysis Date:	s: 3/14/02 s: 3/14/02		Run ID: CETAC_020314A SeqNo: 42410	AC_020314A 0	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00248	0.00025	0.0025	0	99.2	75	125	0.00249	0.402	20	

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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Burns & McDonnell CLIENT:

0203074 Work Order:

28019, Peoples Gas - Rogers Park East Parcel Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: 1988

Sample ID: 0203074-001AMS	1-001AMS	SampType: MS	TestCod	TestCode: M_ICPMS_S	Units: mg/L		Prep Date:	3/26/02		Run ID: ICP	Run ID: ICPMS_020326A	
Client ID: RPE-CS-010	-010	Batch ID: 1988	TestN	TestNo: SW1312/6020			Analysis Date:	3/26/02		SeqNo: 46072	7.2	
Analyte		Result	PaL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic		0.4204	0.010	0.5	0	84.1	80	120	0	0		
Barium		1.022	0.010	0.5	0.5277	98.9	80	120	0	0		
Cadmium		0.423	0.0050	0.5	0	84.6	80	120	0	0		
Chromium		0.4424	0.010	0.5	0.0054	87.4	80	120	0	0		
Lead		0.414	0.0050	0.5	0.00186	82.4	80	120	0	0		
Selenium		0.4114	0.010	0.5	0	82.3	80	120	0	0		
Silver		0.4183	0.010	0.5	0	83.7	80	120	0	0		
Sample ID: 0203074-001AMSD	1-001AMSD	SampType: MSD	TestCoc	TestCode: M_ICPMS_S	3 Units: mg/L		Prep Date:	3/26/02		Run ID: ICF	Run ID: ICPMS_020326A	<b>.</b>
Client ID: RPE-CS-010	-010	Batch ID: 1988	Testh	TestNo: SW1312/6020	50		Analysis Date:	3/26/02		SeqNo: 46073	073	
Analyte		Result	POL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic		0.4539	0.010	0.5	0	90.8	80	120	0.4204	7.66	20	
Barium		1.306	0.010	0.5	0.5277	156	80	120	1.022	24.4	20	SR
Cadmium		0.4601	0.0050	0.5	0	92	80	120	0.423	8.40	20	
Chromium		0.4882	0.010	0.5	0.0054	96.6	80	120	0.4424	9.84	20	
Lead		0.4497	0.0050	0.5	0.00186	89.6	80	120	0.414	8.27	20	
Selenium		0.4377	0.010	0.5	0	87.5	80	120	0.4114	6.19	20	
Silver		0.4485	0.010	0.5	0	89.7	80	120	0.4183	6.97	20	
Sample ID: MBW1 03/26	03/26	SampType: MBLK	TestCoc	TestCode: M_ICPMS_W	// Units: mg/L		Prep Date:	3/26/02		Run ID: ICE	Run ID: ICPMS_020326A	4
Client ID: ZZZZZ		Batch ID: 1988	Test	TestNo: SW6020			Analysis Date:	3/26/02		SeqNo: 46045	045	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic		QN	0.0020									
Barium		QN	0.0020									
Cadmium		ND	0.0010									
Chromium		QN	0.0020									
Lead		QN	0.0010									
Selenium		QN	0.0020									
Silver		0.00072	0.0020									7
Qualifiers:	ND - Not Dete	ND - Not Detected at the Reporting Limit		S - Spike	S - Spike Recovery outside accepted recovery limits	ccepted recc	overy limits		B - Analyte detected in the associated Method Blank	ted in the associ	ated Method Bl	ank
ſ	J - Analyte det	J - Analyte detected below quantitation limits	s	R - RPD	R - RPD outside accepted recovery limits	overy limits					Page 4 of 8	4 of 8
											J	

Work Order: 0203074

Project:

28019, Peoples Gas - Rogers Park East Parcel

## ANALYTICAL QC SUMMARY REPORT

BatchID: 1988

Sample ID: LCSW1 03/26 Client ID: ZZZZZ	SampType: LCS Batch ID: 1988	TestCod	de: M_ICPMS_ No: SW6020	TestCode: M_ICPMIS_W Units: mg/L TestNo: SW6020		Prep Date: 3/26/02 Analysis Date: 3/26/02	3/26/02		Run ID: ICPMS_020326A SeqNo: 46046	MS_020326A 16
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD	RPDLimit Qual
Barium	0.4262	0.0020	0.5	0	85.2	80	120	0	0	
Cadmium	0.4247	0.0010	0.5	0	84.9	80	120	0	0	
Chromium	0.431	0.0020	0.5	0	86.2	80	120	0	0	
Lead	0.4481	0.0010	0.5	0	9.68	80	120	0	0	
Selenium	0.4115	0.0020	0.5	0	82.3	80	120	0	0	
Silver	0.4426	0.0020	0.5	0.00072	88.4	80	120	0	0	
Sample ID: LCSDW1 03/26	SampType: LCSD	TestCoc	te: M_ICPMS_	TestCode: M_ICPMS_W Units: mg/L		Prep Date:	3/26/02		Run ID: ICPMS_020326A	MS_020326A
Client ID: ZZZZZ	Batch ID: 1988	Test	TestNo: SW6020		•	Analysis Date:	3/26/02		SeqNo: 46047	47
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit Qual
Barium	0.4285	0.0020	0.5	0	85.7	80	120	0.4262	0.538	20
Cadmium	0.4233	0.0010	0.5	0	84.7	80	120	0.4247	0.330	20
Chromium	0.4276	0.0020	0.5	0	85.5	80	120	0.431	0.792	20
Lead	0.4465	0.0010	0.5	0	89.3	80	120	0.4481	0.358	20
Selenium	0.4146	0.0020	0.5	0	82.9	80	120	0.4115	0.751	50
Silver	0.4393	0.0020	0.5	0.00072	87.7	80	120	0.4426	0.748	20

Qualifiers:

J - Analyte detected below quantitation limits

Work Order: 0203074

Project: 28019, Peoples Gas - Rogers Park East Parcel

## ANALYTICAL QC SUMMARY REPORT

BatchID: 1815

Cample ID: MB 404E DNIA	CompTing. MD17	F					Ш				
Cample ID: MB-1013-FINA	Sampi ype: MBLN	lestCo	lestCode: PNA_SOIL	Units: mg/Kg		Prep Date:	3/12/02		Run ID: SV	Run ID: SVOC-4_020312B	<u> </u>
Client ID: ZZZZZ	Batch ID: 1815	Testl	TestNo: SW8270(SIM)	E	•	Analysis Date:	3/13/02		SeqNo: 41725	25	
Analyte	Result	Pal	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	QN	0.025									
Acenaphthylene	QN	0.025									
Anthracene	Q	0.025									
Benz(a)anthracene	QN	0.025									
Benzo(a)pyrene	QN	0.025									
Benzo(b)fluoranthene	QN.	0.025									
Benzo(g,h,i)perylene	Q	0.025									
Benzo(k)fluoranthene	QN	0.025									
Chrysene	QN	0.025									
Dibenz(a,h)anthracene	QN	0.025									
Fluoranthene	QN	0.025									
Fluorene	QN	0.025									
Indeno(1,2,3-cd)pyrene	QN	0.025									
Naphthalene	QN	0.025									
Phenanthrene	Q	0.025									
Pyrene	QN	0.025									
Sample ID: LCS-1815-PNA	SampType: LCS	TestCo	TestCode: PNA_SOIL	Units: mg/Kg		Prep Date:	3/12/02		Run ID: SV	Run ID: SVOC-4_020312B	B
Client ID: ZZZZZ	Batch ID: 1815	Test	TestNo: SW8270(SIM)	N)		Analysis Date:	a: 3/13/02		SeqNo: 41726	,26	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.1217	0.025	0.167	0	72.9	30	130	0	0		
Acenaphthylene	0.128	0.025	0.167	0	9.92	30	130	0	0		
Anthracene	0.128	0.025	0.167	0	76.6	30	130	0	0		
Benz(a)anthracene	0.1397	0.025	0.167	0	83.6	30	130	0	0		
Benzo(a)pyrene	0.141	0.025	0.167	0	84.4	30	130	0	0		
Benzo(b)fluoranthene	0.138	0.025	0.167	0	82.6	30	130	0	0		

S - Spike Recovery outside accepted recovery limits R - RPD outside accepted recovery limits J - Analyte detected below quantitation limits ND - Not Detected at the Reporting Limit Qualifiers:

B - Analyte detected in the associated Method Blank

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130 130 130

8 8 8 8

0000

0.167 0.167 0.167

0.025 0.025 0.025

0.117

Dibenz(a,h)anthracene

Chrysene

Benzo(g,h,i)perylene Benzo(k)fluoranthene

76.2 89 70.1 81.2

0.167

0.025

0.1273

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Burns & McDonnell CLIENT:

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28019, Peoples Gas - Rogers Park East Parcel

Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: 1815

Sample ID: LCS-1815-PNA	SampType: LCS	TestCod	TestCode: PNA_SOIL	Units: mg/Kg		Prep Date:	3/12/02		Run ID: SVC	Run ID: SVOC-4_020312B	
Client ID: ZZZZZ	Batch ID: 1815	TestN	TestNo: SW8270(SIM)	N)	⋖	Analysis Date:	3/13/02		SeqNo: 41726	56	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit 1	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	0.1323	0.025	0.167	0	79.2	30	130	0	0		
Fluorene	0.1203	0.025	0.167	0	72.1	30	130	0	0		
Indeno(1,2,3-cd)pyrene	0.144	0.025	0.167	0	86.2	30	130	0	0		
Naphthalene	0.106	0.025	0.167	0	63.5	30	130	0	0		
Phenanthrene	0.1227	0.025	0.167	0.	73.5	30	130	0	0		
Pyrene	0.1327	0.025	0.167	0	79.4	30	130	0	0		
Sample ID: MB-1815-PNA	SampType: MBLK	TestCod	TestCode: PNA_SOIL+	Units: mg/Kg		Prep Date:	3/12/02		Run ID: SVC	SVOC-4_020313A	A
Client ID: ZZZZZ	Batch ID: 1815	TestN	TestNo: SW8270(SIM)	(h	∢	Analysis Date:	3/13/02		SeqNo: 42069	69	•
Analyte	Result	Por	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenol	0.002	0.025									]-
Naphthalene	QN	0.025									,
2-Methylnaphthalene	QN	0.025									
1-Methylnaphthalene	QN	0.025									
Acenaphthylene	QN	0.025									
Acenaphthene	Q	0.025									
Dibenzofuran	QN	0.025									
Fluorene	QN	0.025									
Phenanthrene	QN	0.025									
Anthracene	QN	0.025									
Carbazole	QN	0.025									
Fluoranthene	QN	0.025									
Pyrene	QN	0.025									
Benz(a)anthracene	QN	0.025									
Chrysene	QN	0.025									
Bis(2-ethylhexyl)phthalate	QN	0.025								-	
Benzo(b)fluoranthene	QN	0.025									
Benzo(k)fluoranthene	QN	0.025									
Benzo(a)pyrene	Q	0.025									
Indeno(1,2,3-cd)pyrene	QN	0.025									
Qualifiers: ND - Not De	ND - Not Detected at the Reporting Limit		S - Spike	S - Spike Recovery outside accepted recovery limits	epted recov	ery limits	B	- Analyte detec	B - Analyte detected in the associated Method Blank	ted Method Bla	ınk

J - Analyte detected below quantitation limits ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Burns & McDonnell CLIENT:

0203074 Work Order: 28019, Peoples Gas - Rogers Park East Parcel Project:

ANALYTICAL QC SUMMARY REPORT

BatchID: 1815

Sample ID: MB-1815-PNA Client ID: ZZZZZ	SampType: MBLK Batch ID: 1815	TestCoo	TestCode: PNA_SOIL+ TestNo: SW8270(SIM	Units: mg/Kg		Prep Date: Analysis Date:	s: 3/12/02 s: 3/13/02		Run ID: SVOC-4_020313A SeqNo: 42069	3A
Analyte	Result	Pal	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit	Qual
Dibenz(a,h)anthracene Benzo(g,h,i)perylene	ON ON	0.025								
Sample ID: LCS-1815-PNA	SampType: LCS	TestCo	TestCode: PNA_SOIL+	Units: mg/Kg		Prep Date:	e: 3/12/02		Run ID: SVOC-4_020313A	3A
Client ID: ZZZZZ	Batch ID: 1815	Test	TestNo: SW8270(SIM	(P		Analysis Date:	s: 3/13/02		SeqNo: 42070	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit	Qual
Phenol	0.1357	0.025	0.167	0.002	88	30	130	0	0	
Naphthalene	0.1087	0.025	0.167	0	65.1	30	130	0	0	
2-Methylnaphthalene	0.1227	0.025	0.167	0	73.5	30	130	0	0	
1-Methylnaphthalene	0.119	0.025	0.167	0	71.3	30	130	0	0	
Acenaphthylene	0.1207	0.025	0.167	0	72.3	30	130	0	0	
Acenaphthene	0.1227	0.025	0.167	0	73.5	30	130	0	0	
Dibenzofuran	0.1247	0.025	0.167	0	74.7	30	130	0	0	
Fluorene	0.1213	0.025	0.167	0	72.7	30	130	0	0	
Phenanthrene	0.1293	0.025	0.167	0	77.4	30	130	0	0	
Anthracene	0.1267	0.025	0.167	0	75.8	30	130	0	0	
Carbazole	0.1527	0.025	0.167	0	91.4	30	130	0	0	
Fluoranthene	0.136	0.025	0.167	0	81.4	30	130	0	0	
Pyrene	0.1347	0.025	0.167	0	90.6	30	130	0	0	
Benz(a)anthracene	0.1303	0.025	0.167	0	78	30	130	0	0	
Chrysene	0.1233	0.025	0.167	0	73.9	30	130	0	0	
Bis(2-ethylhexyl)phthalate	0.1847	0.025	0.167	0	111	30	130	0	0	
Benzo(b)fluoranthene	0.1317	0.025	0.167	0	78.8	30	130	0	0	
Benzo(k)fluoranthene	0.1307	0.025	0.167	0	78.2	30	130	0	0	
Benzo(a)pyrene	0.1277	0.025	0.167	0	76.4	30	130	0	0	
Indeno(1,2,3-cd)pyrene	0.1333	0.025	0.167	0	79.8	30	130	0	0	
Dibenz(a,h)anthracene	0.1323	0.025	0.167	0	79.2	30	130	0	0	
Benzo(g,h,i)perylene	0.134	0.025	0.167	0	80.2	30	130	0	0	

J - Analyte detected below quantitation limits ND - Not Detected at the Reporting Limit Qualifiers:

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 8 of 8

2201 West Campbell Park Drive Chicago, IL 60612-3547 312.733.0551 Fax:312.733.2386 e-mail address: STATinfo@STATAnalysis.com AIHA accredited 10248, NVLAP accredited 101202-0

PETRES ROSSES PARK EAST IT

March 26, 2002

Margaret Kelley Burns & McDonnell 2601 W. 22nd Street OakBrook, IL 60523-1229 Telephone: (630) 990-0300

Fax:

(630) 990-0301

RE: 27194-4.07, Peoples Gas: Rogers Park East Parcel

STAT Project No: 0203101

Dear Margaret Kelley:

STAT Analysis received 4 samples for the referenced project on 3/14/2002. The analytical results are presented in the following report.

All analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except where noted in the Case Narrative.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Craig Chawla

Project Manager

Date: March 26, 2002

Client:

Burns & McDonnell

Project:

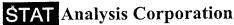
27194-4.07, Peoples Gas: Rogers Park East Parcel

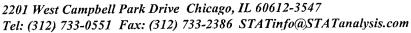
**Work Order Sample Summary** 

Lab Order:

0203101

Lab Sample ID	Client Sample ID	Tag Number	<b>Collection Date</b>	Date Received
0203101-001A	RPE-CS-012	2'	3/14/02 9:35:00 AM	3/14/02
0203101-002A	RPE-CS-013	2'	3/14/02 9:25:00 AM	3/14/02
0203101-003A	RPE-CS-016	0.5'	3/14/02 2:05:00 PM	3/14/02
0203101-004A	RPE-CS-017	0.5'	3/14/02 2:15:00 PM	3/14/02









Date Reported: March 26, 2002 Date Printed: March 26, 2002

Client:

Burns & McDonnell

Client Sample ID: RPE-CS-012

Lab Order:

0203101

Collection Date: 3/14/02 9:35:00 AM

Project:

27194-4.07, Peoples Gas: Rogers Park East Parcel

Matrix: Soil

Lab	ID:
LIGO	· ·

0203101-001

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
SPLP Mercury	SW	/1312/7470A	Prep Date:	3/21/02	Analyst: <b>DI</b>
Mercury	ND	0.00025	mg/L	1	3/21/02
SPLP Metals by ICP/MS	SW	/1312/6020	Prep Date:	3/20/02	Analyst: MCL
Arsenic	ND	0.002	mg/L	1	3/21/02
Barium	0.66	0.002	mg/L	1	3/21/02
Cadmium	ND	0.001	mg/L	1	3/21/02
Chromium	0.0051	0.002	mg/L	1	3/21/02
Lead	0.0057	0.001	mg/L	1	3/21/02
Selenium	ND	0.002	mg/L	1	3/21/02
Silver	ND	0.05	mg/L	1	3/21/02
Polynuclear Aromatic Hydrocarbons	SW	/8270(SIM)	Prep Date:	3/14/02	Analyst: <b>VS</b>
Acenaphthene	ND	0.029	mg/Kg-dry	1	3/15/02
Acenaphthylene	ND	0.029	mg/Kg-dry	1	3/15/02
Anthracene	ND	0.029	mg/Kg-dry	1	3/15/02
Benz(a)anthracene	0.042	0.029	mg/Kg-dry	1	3/15/02
Benzo(a)pyrene	ND	0.029	mg/Kg-dry	1	3/15/02
Benzo(b)fluoranthene	ND	0.029	mg/Kg-dry	1	3/15/02
Benzo(g,h,i)perylene	ND	0.029	mg/Kg-dry	1	3/15/02
Benzo(k)fluoranthene	ND	0.029	mg/Kg-dry	1	3/15/02
Chrysene	0.043	0.029	mg/Kg-dry	1	3/15/02
Dibenz(a,h)anthracene	ND	0.029	mg/Kg-dry	1	3/15/02
Fluoranthene	0.078	0.029	mg/Kg-dry	1	3/15/02
Fluorene	ND	0.029	mg/Kg-dry	1	3/15/02
Indeno(1,2,3-cd)pyrene	ND	0.029	mg/Kg-dry	1	3/15/02
Naphthalene	ND	0.029	mg/Kg-dry	1	3/15/02
Phenanthrene	ND	0.029	mg/Kg-dry	1 -	3/15/02
Pyrene	0.088	0.029	mg/Kg-dry	1	3/15/02
Percent Moisture	D2	216	Prep Date:	3/14/02	Analyst: MH
Percent Moisture	17.55	0.01	wt%	1	3/15/02

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

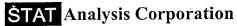
B - Analyte detected in the associated Method Blank

^{* -} Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range







2201 West Campbell Park Drive Chicago, IL 60612-3547 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATanalysis.com

Date Reported: March 26, 2002

Date Printed: March 26, 2002

Client:

Burns & McDonnell

Client Sample ID: RPE-CS-013

Lab Order:

0203101

Project:

Collection Date: 3/14/02 9:25:00 AM

27194-4.07, Peoples Gas: Rogers Park East Parcel

Matrix: Soil

Lab	m.
Lau	$1\boldsymbol{\nu}$ .

0203101-002

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
SPLP Mercury	SW	/1312/7470A	Prep Date	: 3/21/02	Analyst: <b>Di</b>
Mercury	ND	0.00025	mg/L	1	3/21/02
SPLP Metals by ICP/MS	SW	/1312/6020	Prep Date	: 3/20/02	Analyst: MCL
Arsenic	0.0024	0.002	mg/L	1	3/21/02
Barium	0.87	0.002	mg/L	1	3/21/02
Cadmium	ND	0.001	mg/L	1	3/21/02
Chromium	0.0061	0.002	mg/L	1	3/21/02
Lead	0.012	0.001	mg/L.	1	3/21/02
Selenium	ND	0.002	mg/L	1	3/21/02
Silver	ND	005	mg/L	1	3/21/02
Polynuclear Aromatic Hydrocarbons	SW	/8270(SIM)	Prep Date	: 3/14/02	Analyst: <b>VS</b>
Acenaphthene	ND	0.03	mg/Kg-dry	1	3/15/02
Acenaphthylene	ND	0.03	mg/Kg-dry	1	3/15/02
Anthracene	0.06	0.03	mg/Kg-dry	1	3/15/02
Benz(a)anthracene	0.19	0.03	mg/Kg-dry	1	3/15/02
Benzo(a)pyrene	0.096	0.03	mg/Kg-dry	1	3/15/02
Benzo(b)fluoranthene	01	0.03	mg/Kg-dry	1	3/15/02
Benzo(g,h,i)perylene	0.034	0.03	mg/Kg-dry	1	3/15/02
Benzo(k)fluoranthene	0.087	0.03	mg/Kg-dry	1	3/15/02
Chrysene	0.19	0.03	mg/Kg-dry	1	3/15/02
Dibenz(a,h)anthracene	ND	0.03	mg/Kg-dry	1	3/15/02
Fluoranthene	04	0.03	mg/Kg-dry	1	3/15/02
Fluorene	ND	0.03	mg/Kg-dry	1	3/15/02
Indeno(1,2,3-cd)pyrene	0.037	0.03	mg/Kg-dry	1	3/15/02
Naphthalene	ND	0.03	mg/Kg-dry	1	3/15/02
Phenanthrene	0.21	0.03	mg/Kg-dry	1	3/15/02
Pyrene	0.36	0.03	mg/Kg-dry	1	3/15/02
Percent Moisture	D2:	216	Prep Date	: 3/14/02	Analyst: MH
Percent Moisture	20.24	0.01	wt%	1	3/15/02

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

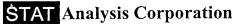
B - Analyte detected in the associated Method Blank

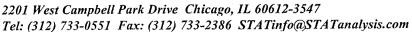
^{* -} Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range









Date Reported: March 26, 2002

Date Printed: March 26, 2002

Client:

Burns & McDonnell

Client Sample ID: RPE-CS-016

Lab Order:

0203101

Project:

Collection Date: 3/14/02 2:05:00 PM

27194-4.07, Peoples Gas: Rogers Park East Parcel

Matrix: Soil

Lab ID:

0203101-003

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
SPLP Mercury	SW	/1312/7470A	Prep Date:	3/21/02	Analyst: <b>DI</b>
Mercury	ND	0.00025	mg/L	1	3/21/02
SPLP Metals by ICP/MS	SW	/1312/6020	Prep Date:	3/20/02	Analyst: MCL
Arsenic	0.0037	0.002	mg/L	1	3/21/02
Barium	1.8	0.002	mg/L	1	3/21/02
Cadmium	ND	0.001	mg/L	1	3/21/02
Chromium	0.0065	0.002	mg/L	1	3/21/02
Lead	0.011	0.001	mg/L	1	3/21/02
Selenium	ND	0.002	mg/L	1	3/21/02
Silver	ND	0.05	mg/L	1	3/21/02
Polynuclear Aromatic Hydrocarbons	SW	/8270(SIM)	Prep Date:	3/14/02	Analyst: <b>VS</b>
Acenaphthene	0.41	0.3	mg/Kg-dry	10	3/15/02
Acenaphthylene	ND	0.03	mg/Kg-dry	1	3/15/02
Anthracene	1.9	0.3	mg/Kg-dry	10	3/15/02
Benz(a)anthracene	2	0.3	mg/Kg-dry	10	3/15/02
Benzo(a)pyrene	0.69	0.3	mg/Kg-dry	10	3/15/02
Benzo(b)fluoranthene	0.74	0.3	mg/Kg-dry	10	3/15/02
Benzo(g,h,i)perylene	0.29	0.03	mg/Kg-dry	1	3/15/02
Benzo(k)fluoranthene	0.68	0.3	mg/Kg-dry	10	3/15/02
Chrysene	1.8	0.3	mg/Kg-dry	10	3/15/02
Dibenz(a,h)anthracene	0.15	0.03	mg/Kg-dry	1	3/15/02
Fluoranthene	46	3	mg/Kg-dry	100	3/15/02
Fluorene	0.55	0.3	mg/Kg-dry	10	3/15/02
Indeno(1,2,3-cd)pyrene	0.38	0.03	mg/Kg-dry	1	3/15/02
Naphthalene	0.054	0.03	mg/Kg-dry	1	3/15/02
Phenanthrene	3.9	3	mg/Kg-dry	100	3/15/02
Pyrene	3.6	3	mg/Kg-dry	100	3/15/02
Percent Moisture	D2:	216	Prep Date:	3/14/02	Analyst: MH
Percent Moisture	1631	0.01	wt%	1	3/15/02

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

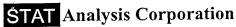
* - Value exceeds Maximum Contaminant Level

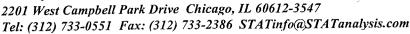
S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

	-	









Date Reported: March 26, 2002 Date Printed: March 26, 2002

Client:

Burns & McDonnell

Client Sample ID: RPE-CS-017

Lab Order:

0203101

**Project:** 

**Collection Date:** 3/14/02 2:15:00 PM

27194-4.07, Peoples Gas: Rogers Park East Parcel

Matrix: Soil

Lab ID:

0203101-004

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
SPLP Mercury	SW	/1312/7470A	Prep Date:	3/21/02	Analyst: DI
Mercury	ND	0.00025	mg/L	1	3/21/02
SPLP Metals by ICP/MS	SW	/1312/6020	Prep Date:	3/20/02	Analyst: MCL
Arsenic	ND	0.002	mg/L	1	3/21/02
Barium	1.2	0.002	mg/L	1	3/21/02
Cadmium	ND	0.001	mg/L	1	3/21/02
Chromium	0.0099	0.002	mg/L	1	3/21/02
Lead	0.012	0.001	mg/L	1	3/21/02
Selenium	ND	0.002	mg/L	1	3/21/02
Silver	ND	0.05	mg/L	1	3/21/02
Polynuclear Aromatic Hydrocarbons	SW	/8270(SIM)	Prep Date:	3/14/02	Analyst: <b>VS</b>
Acenaphthene	ND	0.031	mg/Kg-dry	1	3/15/02
Acenaphthylene	ND	0.031	mg/Kg-dry	1	3/15/02
Anthracene	0.11	0.031	mg/Kg-dry	1	3/15/02
Benz(a)anthracene	0.42	0.31	mg/Kg-dry	10	3/15/02
Benzo(a)pyrene	0.21	0.031	mg/Kg-dry	1	3/15/02
Benzo(b)fluoranthene	0.24	0.031	mg/Kg-dry	1	3/15/02
Benzo(g,h,i)perylene	0.071	0.031	mg/Kg-dry	1	3/15/02
Benzo(k)fluoranthene	021	0.031	mg/Kg-dry	1	3/15/02
Chrysene	0.42	0.31	mg/Kg-dry	10	3/15/02
Dibenz(a,h)anthracene	ND	0.031	mg/Kg-dry	1	3/15/02
Fluoranthene	0.9	0.31	mg/Kg-dry	10	3/15/02
Fluorene	ND	0.031	mg/Kg-dry	1	3/15/02
Indeno(1,2,3-cd)pyrene	0.085	0.031	mg/Kg-dry	1	3/15/02
Naphthalene	ND	0.031	mg/Kg-dry	1	3/15/02
Phenanthrene	0.42	0.31	mg/Kg-dry	10	3/15/02
Pyrene	0.77	0.31	mg/Kg-dry	10	3/15/02
Percent Moisture	D2	216	Prep Date:	3/14/02	Analyst: MH
Percent Moisture	19.84	0.01	wt%	1	3/15/02

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

^{* -} Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range



# Request for Chemical Analysis and Chain of Custody Record

									1000	Dogumont Control No.		
Burns & McDonnell Engineering	jug	Laboratory: 51	STAT		LABS				Lab. Re	ference No. (	Lab. Reference No. or Episode No.:	0203101
2601 W. 22nd St Oak Brook, Illinois 60523		Address:	2201	_	T CAM	WEST CAMPAGU PL DR	PK DR					
Phone: (630) 990-0300 Fax: (630) 990-0301	(630) 990-0301	City/State/Zip:		OHICARD	2 16					POOS	(D	
Attention:		Telephone:	w	- 733	3 ~ 055	5/				POY	73	
Project Number: 2784	1-4.07						Sampl	Sample Type		IS O	STI	
1/2	GAS ,	ROHERS PAR	PARK	EAST	PARLEL	EL	Ma	Matrix	ber o ainers	VZU VZ8 Velue	\ \ \ \	
Sample Number		Sample Event	vent	Sample Depth (in feet)	epth (t)	Sample Collected	biu			10 h		
Group or Sample SwMU Name	Sample Designator	Round	Year	From	ļ	Date Time	ρiユ	Sol 6a		15/20		Remarks
R06.		1	1		2' 3/14	3/4/02 935		×	7	×		COMPOSITE CO
RPK -CS- 013	7	1	1		2, 3/14	3/4/02 925		<b>×</b>	7	*		Cominestite oct
RP-12-016	9	1	1	05/2		3/14/02 1405		<b>×</b>	7	×		COM MOSITE COS
10-67-69		1	1	0	18,50	3/4/02 1415		×	7	×		COM POSITE OOA
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Sampler (signature):	- 	odinpier (signature):	÷.		} }			<u>_</u>			140- SPLP 1	STANDALD - SPLP METALS (KUKA)
Relinguished By Soughter	ğ	Į.	Received I	Received By (signature):	- 3		Date/Time	lce Pres	entino	Ice Present in Container: Yes  \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \ \ext{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \text{ \	Temperature	Temperature Upon Receipt: 49
1. A S UN! Relinquished By (signature):	ä	Date/Time	Received	Received By (signature):	3		Date/Time	Laboratory Comments:	ory Corr	ments:		
- 2.												

Date: 26-Mar-02

CLIENT:

Burns & McDonnell

Work Order:

0203101

020310

27194-4.07, Peoples Gas: Rogers Park East Parcel

Project: Test No:

SW8270(SIM)

Matrix: S

### QC SUMMARY REPORT SURROGATE RECOVERIES

Sample ID	DCBZ12D4	NO2BZD5	PHEN2F	PHEND14		
MB-1840-PNA	60.1	66.5	94.8	108		
LCS-1840-PNA	48.5	55.7	73.1	113		
MB-1840-PNA	74.3	60.1	86.6	101		
LCS-1840-PNA	56.1	44.7	66.9	100		
0203101-001A	489	52.7	577	109		
0203101-002A	47.3	51.9	57.7	109		
0203101-003A	62.1	68.7	77.8	115		
0203101-004A	50.3	56.5	71.1	113		
MB-1847-PNA	46.5	38.5	61.9	103		
LCS-1847-PNA	75.4	56.9	85.6	94.4		

Acronym	Surrogate	QC Limits
DCBZ12D4	= 1,2-Dichlorobenzene-d4	20-130
NO2BZD5	= Nitrobenzene-d5	23-120
PHEN2F	= 2-Fluorobiphenyl	30-115
PHEND14	= 4-Terphenyl-d14	18-137

Prep Start Date: 3/14/02 11:24:48 A Prep End Date: 3/14/02 9:59:39 PM

Prep Factor Units:

PREP BATCH REPORT

Page: 1 of 1

mL / Kg

Prep Batch 1840	Prep Code:	le: 3550	3550_PNA Tec	Technician: AP			mL/Kg		
Sample ID	Matrix	рН	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0203062-001B	Soil		0.03032	0	0	τ-	32.982	3/14/02	3/14/02
0203062-002B	Soil		0.03028	0	0	1	33.025	3/14/02	3/14/02
0203062-003B	Soil		0.03075	0	0	-	32.520	3/14/02	3/14/02
0203062-005B	Soil		0.0304	0	0	1	32.895	3/14/02	3/14/02
0203062-006B	Soil	ŕ	0.03029	0	0	-	33.014	3/14/02	3/14/02
0203062-008B	Soil		0.0309	0	0	<b>-</b>	32.362	3/14/02	3/14/02
0203066-001B	Soil		0.03121	0	0	_	32.041	3/14/02	3/14/02
0203066-002B	Soil		0.03036	0	0	<del></del>	32.938	3/14/02	3/14/02
0203066-003B	Soil		0.0316	0	0	-	31.646	3/14/02	3/14/02
0203066-003BMS	Soil		0.03067	0	0	-	32.605	3/14/02	3/14/02
0203066-003BMSD	Soil		0.03013	0	0	1	33.190	3/14/02	3/14/02
0203073-001B	Soil		0.03025	0	0	1	33.058	3/14/02	3/14/02
0203073-002A	Soil		0.03002	0	0	+	33.311	3/14/02	3/14/02
0203073-003B	Soil		0.031	0	0		32.258	3/14/02	3/14/02
0203073-004B	Soil		0.03172	0	0	-	31.526	3/14/02	3/14/02
0203073-005B	Soil		0.03007	0	0	<b>←</b>	33.256	3/14/02	3/14/02
0203073-006B	Soil		0.03015	0	0		33.167	3/14/02	3/14/02
0203073-007B	Soil		0.03035	0	0	1	32.949	3/14/02	3/14/02
0203073-008B	Soil		0.0304	0	0	_	32.895	3/14/02	3/14/02
0203073-009B	Soil		0.03015	0	0	-	33.167	3/14/02	3/14/02
0203073-010B	Soil		0.03059	0	0	_	32.690	3/14/02	3/14/02
0203101-001A	Soil	:	0.03187	0	0		31.377	3/14/02	3/14/02
LCS-1840-PNA			0.03	0	0	-	33.333	3/14/02	3/14/02
MB-1840-PNA			0.03	0	0		33.333	3/14/02	3/14/02

Prep Start Date: 3/14/02 7:44:07 PM Prep End Date: 3/14/02 10:21:04 P

Prep Factor Units: mL / Kg

PREP BATCH REPORT

Page:1 of 1

Prep Batch 1847		Prep Code: <b>3550_PI</b>	۸A	Technician: VA			mL / Kg		
Sample ID	Matrix	рН	SampAmt	Sol Added	Sol Recov	Fin Vol factor	factor	PrepStart	PrepEnd
0202124-007B	Soil		0.03108	0	0	1	32.175	3/14/02	3/14/02
0203101-002A	Soil		0.03129	0	0	-	31.959	3/14/02	3/14/02
0203101-003A	Soil		0.03009	0	0	-	33.234	3/14/02	3/14/02
0203101-004A	Soil		0.03031	0	0	-	32.992	3/14/02	3/14/02
0203103-002A	Soil		0.03031	0	0	-	32.992	3/14/02	3/14/02
0203104-001A	Soil		0.0303	0	0	-	33.003	3/14/02	3/14/02
0203104-002A	Soil		0.03032	0	0	_	32.982	3/14/02	3/14/02
0203104-003A	Soil		0.03058	0	0	-	32.701	3/14/02	3/14/02
LCS-1847-PNA			0.03	0	0	-	33.333	3/14/02	3/14/02
MB-1847-PNA			0.03	0	0	****	33.333	3/14/02	3/14/02

CLIENT: Burns & McDonnell

Work Order: 0203101

Project:

27194-4.07, Peoples Gas: Rogers Park East Parcel

ANALYTICAL QC SUMMARY REPORT

Date: March 26, 2002

BatchID: 1920

	1					
Run ID: ICPMS_020321B SeqNo: 44341 %RPD RPDLimit Qual	, , ,	Run ID: ICPMS_020321B SeqNo: 44342 %RPD RPDLimit Qual	000000	Run ID: ICPMS_020321B SeqNo: 44343 %RPD RPDLimit Qual	0.326 20 0.601 20 0 20 0.689 20 0.207 20	B - Analyte detected in the associated Method Blank
Run Seqh RPD Ref Val		Run Seqi RPD Ref Val	000000	Run Seq RPD Ref Val	0.4304 0.4646 0.4704 0.4659 0.4815	- Analyte detected in ti
3/20/02 3/21/02 ighLimit		3/20/02 3/21/02 ighLimit	120 120 120 120 120	3/20/02 3/21/02 ilghLimit	120 120 120 120	B
Prep Date: Analysis Date: LowLimit H		Prep Date: Analysis Date: LowLimit H	80 80 80 80 80 80 80	Prep Date: Analysis Date: LowLimit H	80 80 80 80 80	ery limits
Ar %REC		Al %REC	86 92.9 94.1 93.2 96.2 91.1	A %REC	85.7 93.5 94.1 92.5 96.4	scepted recov
W Units: mg/L SPK Ref Val		W Units: mg/L SPK Ref Vai	0.0005 0 0.00064 0.00107	W Units: mg/L SPK Ref Val	0.0005 0 0 0 0.00064	S - Spike Recovery outside accepted recovery limits
TestCode: M_ICPMS_W TestNo: SW6020 PQL SPK value SP		TestCode: M_ICPMS_W TestNo: SW6020 PQL SPK value SF	0.5 0.5 0.5 0.5 0.5	TestCode: M_ICPMS_W TestNo: SW6020 PQL SPK value Si	0.5 0.5 0.5 0.5	S - Spik
TestCode: TestNo: PQL	0.0020 0.0020 0.0010 0.0020 0.0010 0.0020	TestCode: TestNo: PQL	0.0020 0.0020 0.0010 0.0020 0.0010 0.0020	TestCode TestNo PQL	0.0020 0.0020 0.0010 0.0020 0.0010	
SampType: MBLK Batch ID: 1920 Result	0.0005 ND ND ND 0.00064	SampType: LCS Batch ID: 1920 Result	0.4304 0.4646 0.4704 0.4659 0.4557 0.4762	SampType: LCSD Batch ID: 1920 Result	0.429 0.4674 0.4704 0.4627 0.4825	ND - Not Detected at the Reporting Limit
Sample ID: MBW2 03/20 Client ID: ZZZZZ Analyte	ic n ium nium ium	Sample ID: LCSW2 03/20 Client ID: ZZZZZ Analyte	Arsenic Barium Cadmium Chromium Lead Selenium	Sample ID: LCSDW2 03/20 Client ID: ZZZZZ Analyte	Arsenic Barium Cadmium Chromium Lead	Qualifiers: ND - Not Det
Sample IC Client ID: Analyte	Arsenic Barıum Cadmium Chromium Lead Selenium	Sample IC Client ID: Analyte	Arsenic Bartum Cadmium Chromium Lead Selenium Silver	Sample IC Client ID: Analyte	Arsenic Barium Cadmiu Chromit Lead	Qual

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R - RPD outside accepted recovery limits

J - Analyte detected below quantitation limits

CLIENT: Burns & McDonnell

Work Order: 0203101

Project:

27194-4.07, Peoples Gas: Rogers Park East Parcel

## ANALYTICAL QC SUMMARY REPORT

BatchID: 1920

Sample ID: LCSDW2 03/20	SampType: LCSD	TestCod	TestCode: M_ICPMS_W	// Units: mg/L		Prep Date:	3/20/02		Run ID: ICPMS_020321B	MS_020321B	
Client ID: ZZZZZ	Batch ID: 1920	TestN	TestNo: SW6020		,4	Analysis Date:	3/21/02		SeqNo: 44343	13	
Analyte	Result	Pal	SPK value	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	0.4521	0.0020	0.5	0	90.4	80	120	0.4557	0.793	20	
Silver	0.4746	0.0020	0.5	0.00107	94.7	80	120	0.4762	0.337	20	
Sample ID: 0203100-001CMS	SampType: MS	TestCoc	TestCode: M_ICPMS_W	W Units: mg/L		Prep Date:	3/20/02		Run ID: ICPMS_020321B	MS_020321B	
Client ID: ZZZZZ	Batch ID: 1920	Testh	TestNo: SW6020		•	Analysis Date:	3/21/02		SeqNo: 44345	45	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.3619	0.010	0.5	0.0118	70	75	125	0	0		တ
Barium	1.117	0.010	0.5	0.7477	73.9	75	125	0	0		S
Cadmium	0.3228	0.0050	0.5	0	64.6	75	125	0	0		တ
Chromium	0.375	0.010	0.5	0.01148	72.7	75	125	0	0		ဟ
Lead	0.3439	0.0050	0.5	0.01693	65.4	75	125	0	0		ဟ
Selenium	0.2932	0.010	0.5	0	58.6	75	125	0	0		တ
Silver	0.3206	0.010	0.5	0.00809	62.5	75	125	0	0		s
Sample ID: 0203100-001CMSD	SampType: MSD	TestCo	TestCode: M_ICPMS_W	W Units: mg/L		Prep Date:	3/20/02		Run ID: ICP	Run ID: ICPMS_020321B	_
Client ID: ZZZZZ	Batch ID: 1920	Test	TestNo: SW6020		-	Analysis Date:	3/21/02		SeqNo: 44348	48	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.3633	0.010	0.5	0.0118	70.3	75	125	0.3619	0.386	20	တ
Barium	1.116	0.010	0.5	0.7477	73.7	75	125	1.117	0.0896	50	S
Cadmium	0.3267	0.0050	0.5	0	65.3	75	125	0.3228	1.20	20	S
Chromium	0.3779	0.010	0.5	0.01148	73.3	75	125	0.375	0.770	20	တ
Lead	0.3492	0.0050	0.5	0.01693	66.5	75	125	0.3439	1.53	20	S
Selenium	0.2939	0.010	0.5	0	58.8	75	125	0.2932	0.238	20	တ
Silver	0.324	0.010	0.5	0.00809	63.2	75	125	0.3206	1.05	20	S

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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CLIENT: Burns & McDonnell

Work Order: 0203101

Project:

27194-4.07, Peoples Gas: Rogers Park East Parcel

## ANALYTICAL QC SUMMARY REPORT

BatchD: 1941

Sample ID: 0203092-001AMS	SampType: MS	TestCod	TestCode: M_1312_HG	Units: mg/L		Prep Date:	3/21/02		Run ID: CETAC_020321A	20321A
Client ID: ZZZZZ	Batch ID: 1941	TestN	TestNo: SW1312/7470	0.	٩	Analysis Date: 3/21/02	3/21/02		SeqNo: 44226	
Analyte	Result	Pal	SPK value 8	SPK Ref Val	%REC	LowLimit HighLimit	1	RPD Ref Val	%RPD RPDLimit	imit Qual
Mercury	0.00246	0.00025	0.0025	0	98.4	75	125	0	0	
Sample ID: 0203092-001AMSD Client ID: ZZZZZ	SampType: MSD Batch ID: 1941	TestCod	TestCode: M_1312_HG TestNo: SW1312/7470	Units: mg/L		Prep Date: 3/21/02 Analysis Date: 3/21/02	3/21/02		Run ID: CETAC_020321A SeqNo: 44227	20321A
Analyte	Result	Pol	SPK value	SPK Ref Vai	%REC	LowLimit HighLimit		RPD Ref Val	%RPD RPDLimit	imit Qual
Mercury	0.00249	0.00025	0.0025	0	93.6	75	125	0.00246	1.21	20
Sample ID: MBW1 03/21 Client ID: ZZZZZ	SampType: MBLK Batch ID: 1941	TestCoc	stCode: M_HG_WAT TestNo: SW7470A	TestCode: M_HG_WATE Units: mg/L TestNo: SW7470A	1	Prep Date: Analysis Date:	3/21/02		Run ID: CETAC_020321A SeqNo: 44213	20321A
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit	imit Qual
Mercury	ND	0.00025								
Sample ID: LCSW1 03/21 Client ID: ZZZZZ	SampType: LCS Batch ID: 1941	TestCoc	stCode: M_HG_WA1 TestNo: SW7470A	TestCode: M_HG_WATE Units: mg/L TestNo: SW7470A		Prep Date: Analysis Date:	3/21/02		Run ID: CETAC_020321A SeqNo: 44214	20321A
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit	imit Qual
Mercury	0.00248	0.00025	0.0025	0	99.2	80	120	0	0	
Sample ID: LCSDW1 03/21 Client ID: ZZZZZ	SampType: LCSD Batch ID: 1941	TestCo	stCode: M_HG_WATestNo: SW7470A	TestCode: M_HG_WATE_Units: mg/L_TestNo: SW7470A		Prep Date: Analysis Date:	3/21/02		Run ID: CETAC_020321A SeqNo: 44215	120321A
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPD	RPDLimit Qual
Mercury	0.00247	0.00025	0.0025	0	98.8	80	120	0.00248	0.404	20

Burns & McDonnell CLIENT:

0203101 Work Order:

27194-4.07, Peoples Gas: Rogers Park East Parcel Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: 1840

Sample ID: MB-1840-PNA	SampType: MBLK	TestCoc	TestCode: PNA_SOIL	Units: mg/Kg		Prep Date:	3/14/02		Run ID: SVC	Run ID: SVOC-2_020314A	4
Client ID: ZZZZZ	Batch ID: 1840	Testh	TestNo: SW8270(SIM)		1	Analysis Date:	3/14/02		SeqNo: <b>42580</b>	80	
Analyte	Result	PQL	SPK value S	SPK Ref Val	%REC	LowLimit	HighLimit RF	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	QN	0.025		-							
Acenaphthylene	QN	0.025									
Anthracene	QN	0.025									
Benz(a)anthracene	QN	0.025									
Benzo(a)pyrene	QN	0.025									
Benzo(b)fluoranthene	QN	0.025									
Benzo(g,h,i)perylene	QN	0.025	-								
Benzo(k)fluoranthene	QN	0.025									
Chrysene	QN	0.025									
Dibenz(a,h)anthracene	QN	0.025									
Fluoranthene	QN	0.025									
Fluorene	QN	0.025									
Indeno(1,2,3-cd)pyrene	QN	0.025									
Naphthalene	QN	0.025									
Phenanthrene	QN	0.025									
Pyrene	QN	0.025								!	
Sample ID: MB-1840-PNA	SampType: MBLK	TestCoo	TestCode: PNA_SOIL	Units: mg/Kg		Prep Date:	3/14/02		Run ID: SV	Run ID: SVOC-1_020318B	B
Client ID: ZZZZZ	Batch ID: 1840	Test	TestNo: SW8270(SIM)	5		Analysis Date:	3/15/02		SeqNo: 43271	171	,
Analyte	Result	PQL	SPK value S	SPK Ref Val	%REC	LowLimit HighLimit	⊣ighLimit RF	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ON	0.025									
Acenaphthylene	QN	0.025									
Anthracene	ON .	0.025									
Benz(a)anthracene	QN	0.025									
Benzo(a)pyrene	Q	0.025									
Benzo(b)fluoranthene	QN	0.025									
Benzo(g,h,i)perylene	QN	0.025									
Benzo(k)fluoranthene	QN	0.025									
Chrysene	QN	0.025									
Dibenz(a,h)anthracene	QN	0.025									
Qualifiers: ND - Not D	ND - Not Detected at the Reporting Limit		S - Spike	S - Spike Recovery outside accepted recovery limits	epted reco	very limits	B-	Analyte detecte	B - Analyte detected in the associated Method Blank	ited Method Bla	ınk

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R - RPD outside accepted recovery limits

J - Analyte detected below quantitation limits ND - Not Detected at the Reporting Limit

CLIENT: Burns & McDonnell

Work Order: 0203101

Project:

27194-4.07, Peoples Gas: Rogers Park East Parcel

## ANALYTICAL QC SUMMARY REPORT

BatchID: 1840

Sample ID: MB-1840-PNA	SampType: MBLK	TestCoc	TestCode: PNA_SOIL	Units: mg/Kg		Prep Dat	Prep Date: 3/14/02		Run ID: SVOC-1_020318B	0-1_020318	В
Client ID: ZZZZZ	Batch ID: 1840	TestN	TestNo: SW8270(SIM)	6	٩	\nalysis Dat	Analysis Date: 3/15/02		SeqNo: 43271	7	
Analyte	Result	PQL	SPK value SPK Ref Val	PK Ref Val	%REC	LowLimit	HighLimit	%REC LowLimit HighLimit RPD Ref Val	%RPD	%RPD RPDLimit Qual	Qual
Fluoranthene	QN	0.025									
Fluorene	QN	0.025									
Indeno(1,2,3-cd)pyrene	QN	0.025									
Naphthalene	Q	0.025									
Phenanthrene	QN	0.025									
Pyrene	QN	0.025									

Analyte Acenaphthene Acenaphthylene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(b,i)perylene Chycene	0.1047 0	PQL S	TestNo: SW8270(SIM)		∢	Analysis Date:	3/14/02		SeqNo: 42581	581	
ine thene lene thene			SPK value SP	SPK Ref Val	%REC	LowLimit HighLimit		RPD Ref Val	%RPD	RPDLimit Qual	<del>5</del>
ne thene lene thene		0.025	0.167	0	62.7	30	130	0	0		
racene ene oranthene perylene oranthene		0.025	0.167	0	6.69	30	130	0	0		
		0.025	0.167	0	82	30	130	0	0		
	0.1447 0	0.025	0.167	0	9.98	30	130	0	0		
	0.1537 0	0.025	0.167	0	95	30	130	0	0		
	0.141 0	0.025	0.167	0	84.4	30	130	0	0		
	0.1263 0	0.025	0.167	0	75.6	30	130	0	0		
	0.1533 0	0.025	0.167	0	91.8	30	130	0	0		
	0.1343 0	0.025	0.167	0	80.4	30	130	0	0		
Dibenz(a,h)anthracene	0.124 0	0.025	0.167	0	74.3	30	130	0	0		
Fluoranthene	0.1417 0	0.025	0.167	0	84.8	30	130	0	0		
Fluorene 0.	0.1087 0	0.025	0.167	0	65.1	30	130	0	0		
Indeno(1,2,3-cd)pyrene 0.	0.1263 0	0.025	0.167	0	75.6	30	130	0	0		
Naphthalene 0.0	0.09767	0.025	0.167	0	58.5	30	130	0	0		
Phenanthrene	0.122 0	0.025	0.167	0	73.1	30	130	0	0		
Pyrene 0	0.1407 0	0.025	0.167	0	84.2	30	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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Page 6 of 8

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

Qualifiers:

CLIENT: Burns & McDonnell

Work Order: 0203101

Project:

27194-4.07, Peoples Gas: Rogers Park East Parcel

BatchID: 1840

ANALYTICAL QC SUMMARY REPORT

Sample ID: LCS-1840-PNA	SampType: LCS	TestCod	de: PNA_SOIL	Units: mg/Kg		Prep Date:	3/14/02		Run ID: SVC	Run ID: SVOC-1_020318B
Client ID: ZZZZZ	Batch ID: 1840	TestN	10: SW8270(SIM)	(1		Analysis Date:	9: 3/15/02		SeqNo: 43272	72
Analyte	Result	Pal	SPK value S	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit Qual
Acenaphthene	0.105	0.025	0.167	0	62.9	30	130	0	0	
Acenaphthylene	0.1147	0.025	0.167	0	68.7	30	130	0	0	
Anthracene	0.145	0.025	0.167	0	86.8	30	130	0	0	
Benz(a)anthracene	0.1623	0.025	0.167	0	97.2	30	130	0	0	
Benzo(a)pyrene	0.1593	0.025	0.167	0	95.4	30	130	0	0	
Benzo(b)fluoranthene	0.106	0.025	0.167	0	63.5	30	130	0	0	
Benzo(g,h,i)perylene	0.1443	0.025	0.167	0	86.4	30	130	0	0	
Benzo(k)fluoranthene	0.119	0.025	0.167	0	71.3	93	130	0	0	
Chrysene	0.158	0.025	0.167	0	94.6	30	130	0	0	
Dibenz(a,h)anthracene	0.157	0.025	0.167	0	94	30	130	0	0	
Fluoranthene	0.14	0.025	0.167	0	83.8	30	130	0	0	
Fluorene	0.1147	0.025	0.167	0	68.7	30	130	0	0	
Indeno(1,2,3-cd)pyrene	0.156	0.025	0.167	0	93.4	30	130	0	0	
Naphthalene	0.09	0.025	0.167	0	53.9	30	130	0	0	
Phenanthrene	0.1123	0.025	0.167	0	67.3	30	130	0	0	
Pyrene	0.1463	0.025	0.167	0	87.6	30	130	0	0	

Burns & McDonnell 0203101 CLIENT:

Work Order:

27194-4.07, Peoples Gas: Rogers Park East Parcel Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: 1847

Sample ID: MB-1847-PNA	SampType: MBLK	TestCoc	TestCode: PNA SOIL	Units: mg/Kg		Prep Date:	3/14/02		Run ID: SVOC-2 020314A	
Client ID: ZZZZZ	Batch ID: 1847	Test	TestNo: SW8270(SIM)			Analysis Date:			SeqNo: 42602	
Analyte	Result	Pal	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Vai	%RPD RPDLimit	Qual
Acenaphthene	QN	0.025		The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s						
Acenaphthylene	Q	0.025								
Anthracene	QN	0.025								
Benz(a)anthracene	QN	0.025								
Benzo(a)pyrene	QN	0.025								
Benzo(b)fluoranthene	QN	0.025								
Benzo(g,h,i)perylene	QN	0.025								
Benzo(k)fluoranthene	QN	0.025								
Chrysene	QN	0.025								
Dibenz(a,h)anthracene	QN	0.025								
Fluoranthene	QN	0.025								
Fluorene	QN	0.025								
Indeno(1,2,3-cd)pyrene	QN	0.025								
Naphthalene	QN	0.025								
Phenanthrene	QN	0.025								
Pyrene	QN	0.025								
Sample ID: LCS-1847-PNA	SampType: LCS	TestCo	TestCode: PNA_SOIL	Units: mg/Kg		Prep Date:	3/14/02		Run ID: SVOC-2_020314A	4
Client ID: ZZZZZ	Batch ID: 1847	Test	TestNo: SW8270(SIM)	M)		Analysis Date:	3/15/02		SeqNo: 42603	
Analyte	Recult	Ē	SDK value	CDK Bef Val	JEG%	timi Iwo	High!	le/Val Cod	יישיין ורמם רומם%	
outail year	lineari	ר ב	OT N Value	טרא אפו	WPEC	LOWEIIII	riigii Cii iii	ארט הפו עמו		Cual
Acenaphthene	0.1273	0.025	0.167	0	76.2	30	130	0	0	
Acenaphthylene	0.145	0.025	0.167	0	86.8	30	130	0	0	
Anthracene	0.1403	0.025	0.167	0	84	30	130	0	0	
Benz(a)anthracene	0.141	0.025	0.167	0	84.4	30	130	0	0	
Benzo(a)pyrene	0.05567	0.025	0.167	0	33.3	30	130	0	0	
Benzo(b)fluoranthene	0.072	0.025	0.167	0	43.1	30	130	0	0	
Benzo(g,h,i)perylene	0.05133	0.025	0.167	0	30.7	30	130	0	0	
Benzo(k)fluoranthene	0.06833	0.025	0.167	0	40.9	30	130	0	0	
Chrysene	0.1253	0.025	0.167	0	75	30	130	0	0	
Dibenz(a,h)anthracene	0.056	0.025	0.167	0	33.5	30	130	0	0	
Qualifiers: ND - Not Det	ND - Not Detected at the Reporting Limit	Activity of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the contr	S - Spik	S - Spike Recovery outside accepted recovery limits	cepted reco	very limits	, m	- Analyte detec	B - Analyte detected in the associated Method Blank	nk
J - Analyte de	J - Analyte detected below quantitation limits		R - RPI	R - RPD outside accepted recovery limits	very limits				Page 7 of 8	of 8

Page 8 of 8

B - Analyte detected in the associated Method Blank

Burns & McDonnell CLIENT:

0203101 Work Order:

Project:

27194-4.07, Peoples Gas: Rogers Park East Parcel

BatchID: 1847

ANALYTICAL QC SUMMARY REPORT

Sample ID: LCS-1847-PNA	SampType: LCS	TestCoc	TestCode: PNA_SOIL	Units: mg/Kg		Prep Date	Prep Date: 3/14/02		Run ID: SVOC-2_020314A
Client ID: ZZZZZ	Batch ID: 1847	Test	TestNo: SW8270(SIM)	(P	4	Analysis Date:	3/15/02		SeqNo: 42603
Analyte	Result	PQL	SPK value SPK Ref Val	SPK Ref Val	%REC	LowLimit	HighLimit	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Fluoranthene	0.1353	0.025	0.167	0	81	30	130	0	0
Fluorene	0.125	0.025	0.167	0	74.9	30	130	0	0
Indeno(1,2,3-cd)pyrene	0.05367	0.025	0.167	0	32.1	30	130	0	0
Naphthalene	0.128	0.025	0.167	0	9.9/	30	130	0	0
Phenanthrene	0.1273	0.025	0.167	0	76.2	30	130	0	0
Pyrene	0.13	0.025	0.167	0	77.8	30	130	0	0

Limit	
eporting	
at the R	
Detected	
ND - Not D	
Z.	

Qualifiers:

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

2201 West Campbell Park Drive Chicago, IL 60612-3547 312.733.0551 Fax:312.733.2386 e-mail address: STATinfo@STATAnalysis.com AIHA accredited 10248, NVLAP accredited 101202-0

March 19, 2002

Grant Zoldowski
Burns & McDonnell

2601 W. 22nd Street

OakBrook, IL 60523-1229 Telephone: (630) 990-0300

Fax:

(630) 990-0301

RE: 27194-4.07, Peoples Gas-Rogers Park East Parcel

STAT Project No: 0203126

Dear Grant Zoldowski:

STAT Analysis received 3 samples for the referenced project on 3/18/2002. The analytical results are presented in the following report.

All analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except where noted in the Case Narrative.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Craig Chawla

Project Manager

Date: March 19, 2002

Client:

Burns & McDonnell

Project:

27194-4.07, Peoples Gas-Rogers Park East Parcel

**Work Order Sample Summary** 

Lab Order:

0203126

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0203126-001A	RPE-CS-013-002		3/18/2002 8:40:00 AM	3/18/2002
0203126-002A	RPE-CS-017-002		3/18/2002 2:35:00 PM	3/18/2002
0203126-003A	RPE-CS-016-002		3/18/2002 3:15:00 PM	3/18/2002





2201 West Campbell Park Drive Chicago, IL 60612-3547

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATanalysis.com

Date Reported: March 19, 2002

Date Printed: March 19, 2002

Client:

Burns & McDonnell

Client Sample ID: RPE-CS-013-002

Lab Order:

0203126

Collection Date: 3/18/2002 8:40:00 AM

Project:

27194-4.07, Peoples-Gas-Rogers Park East Parcel

Matrix: Soil

Lab ID:

0203126-001

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons	SW	8270(SIM)	Prep Date:	3/18/2002	Analyst: VS
Acenaphthene	ND	0.03	mg/Kg-dry	1	3/19/2002
Acenaphthylene	ND	0.03	mg/Kg-dry	1	3/19/2002
Anthracene	ND	003	mg/Kg-dry	1	3/19/2002
Benz(a)anthracene	ND	0.03	mg/Kg-dry	1	3/19/2002
Benzo(a)pyrene	ND	0.03	mg/Kg-dry	1	3/19/2002
Benzo(b)fluoranthene	ND	0.03	mg/Kg-dry	1	3/19/2002
Benzo(g,h,i)perylene	ND	0.03	mg/Kg-dry	1	3/19/2002
Benzo(k)fluoranthene	ND	0.03	mg/Kg-dry	1	3/19/2002
Chrysene	ND	003	mg/Kg-dry	1	3/19/2002
Dibenz(a,h)anthracene	ND	0.03	mg/Kg-dry	1	3/19/2002
Fluoranthene	ND	0.03	mg/Kg-dry	1	3/19/2002
Fluorene	ND	0.03	mg/Kg-dry	1	3/19/2002
Indeno(1,2,3-cd)pyrene	ND	0.03	mg/Kg-dry	1	3/19/2002
Naphthalene	ND	0.03	mg/Kg-dry	1	3/19/2002
Phenanthrene	ND	0.03	mg/Kg-dry	1	3/19/2002
Pyrene	ND	0.03	mg/Kg-dry	1	3/19/2002
Percent Moisture	D22	16	Prep Date:		Analyst: CC
Percent Moisture	16.04	0.01	wt%	1	3/18/2002

R - RPD outside accepted recovery limits

E - Value above quantitation range





2201 West Campbell Park Drive Chicago, IL 60612-3547 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATanalysis.com

> Date Reported: March 19, 2002 Date Printed: March 19, 2002

Client:

Burns & McDonnell

Client Sample ID: RPE-CS-017-002

Lab Order:

0203126

Collection Date: 3/18/2002 2:35:00 PM

Project:

27194-4.07, Peoples Gas-Rogers Park East Parcel

Matrix: Soil

Lah	$\mathbf{m}$

0203126-002

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons	sw	8270(SIM)	Prep Date:	3/18/2002	Analyst: VS
Acenaphthene	ND	0.029	mg/Kg-dry	1	3/19/2002
Acenaphthylene	ND	0.029	mg/Kg-dry	1	3/19/2002
Anthracene	ND	0.029	mg/Kg-dry	1	3/19/2002
Benz(a)anthracene	ND	0.029	mg/Kg-dry	1	3/19/2002
Benzo(a)pyrene	ND	0.029	mg/Kg-dry	1	3/19/2002
Benzo(b)fluoranthene	ND	0.029	mg/Kg-dry	1	3/19/2002
Benzo(g,h,i)perylene	ND	0.029	mg/Kg-dry	1	3/19/2002
Benzo(k)fluoranthene	ND	0.029	mg/Kg-dry	1	3/19/2002
Chrysene	ND	0.029	mg/Kg-dry	1	3/19/2002
Dibenz(a,h)anthracene	ND	0.029	mg/Kg-dry	1	3/19/2002
Fluoranthene	ND	0.029	mg/Kg-dry	1	3/19/2002
Fluorene	ND	0.029	mg/Kg-dry	1	3/19/2002
Indeno(1,2,3-cd)pyrene	ND	0.029	mg/Kg-dry	1	3/19/2002
Naphthalene	ND	0.029	mg/Kg-dry	1	3/19/2002
Phenanthrene	ND	0.029	mg/Kg-dry	1	3/19/2002
Pyrene	ND	0.029	mg/Kg-dry	1	3/19/2002
Percent Moisture	D22	216	Prep Date:		Analyst: CC
Percent Moisture	15.14	0.01	wt%	1	3/18/2002

B - Analyte detected in the associated Method Blank

^{* -} Value exceeds Maximum Contaminant Level

R - RPD outside accepted recovery limits

E - Value above quantitation range





2201 West Campbell Park Drive Chicago, IL 60612-3547
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATanalysis.com

Date Reported: March 19, 2002

Date Printed: March 19, 2002

Client:

Burns & McDonnell

Client Sample ID: RPE-CS-016-002

Lab Order:

0203126

Collection Date: 3/18/2002 3:15:00 PM

Project:

27194-4.07, Peoples Gas-Rogers Park East Parcel

Matrix: Soil

I ah ID:

0203126-003

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons	sw	8270(SIM)	Prep Date:	3/18/2002	Analyst: VS
Acenaphthene	ND	0.029	mg/Kg-dry	1	3/19/2002
Acenaphthylene	ND	0.029	mg/Kg-dry	1	3/19/2002
Anthracene	ND	0.029	mg/Kg-dry	1	3/19/2002
Benz(a)anthracene	ND	0.029	mg/Kg-dry	1	3/19/2002
Benzo(a)pyrene	ND	0.029	mg/Kg-dry	1	3/19/2002
Benzo(b)fluoranthene	ND	0.029	mg/Kg-dry	1	3/19/2002
Benzo(g,h,i)perylene	ND	0.029	mg/Kg-dry	1	3/19/2002
Benzo(k)fluoranthene	ND	0.029	mg/Kg-dry	1	3/19/2002
` '	0.029	0.029	mg/Kg-dry	1	3/19/2002
Chrysene	ND	0.029	mg/Kg-dry	1	3/19/2002
Dibenz(a,h)anthracene	0.051	0.029	mg/Kg-dry	1	3/19/2002
Fluoranthene	ND	0.029	mg/Kg-dry	1	3/19/2002
Fluorene	ND	0.029	mg/Kg-dry	1	3/19/2002
Indeno(1,2,3-cd)pyrene	ND	0.029	mg/Kg-dry	1	3/19/2002
Naphthalene	ND ND	0.029	mg/Kg-dry	1	3/19/2002
Phenanthrene		0.029	mg/Kg-dry	1	3/19/2002
Pyrene	0.046	0.029	mg/rtg-dry	•	
Percent Moisture	D2:	216	Prep Date:	:	Analyst: CC
Percent Moisture	16.73	0.01	wt%	1	3/18/2002

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range



# Request for Chemical Analysis and Chain of Custody Record

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Oak Brook, Illinois 60523		Address:	1	2201 WBT CAMPBELL PACK	(Km)	BELL (		لا	<u></u>					Т
Phone: (630) 990-0300 Fax: (630) 990-0301	) 990-0301	City/State	City/State/Zip: CHICAGO, 1L	4 ICAG	7				i		9000 COO			
Attention:		Telephone:	ne: 312-	- 733	, . 8	1550				~0¥,	Tuj		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
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Group or Sample SWMU Name Point	Sample Designator	Round	Year	From	၉	Date	0	piJ loS	යිය	No		*	/ Remarks ∠	9/
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Date: 04-Apr-02

CLIENT:

Work Order:

Burns & McDonnell

0203126

0203126

27194-4.07, Peoples Gas-Rogers Park East Parcel

Project: Test No:

SW8270(SIM)

Matrix:

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	DCBZ12D4	NO2BZD5	PHEN2F	PHEND14
MB-1885-PNA	65.7	63.7 ~	65 9	104
LCS-1885-PNA	92.4	92.4	94.8	103
0203126-001A	78.2	81.2	86.6	98.8
0203126-002A	87.0	89.6	95.6	98.8
0203126-003A	66.7	67.7	78.4	98.0

_Acronym	Surrogate	QC Limits
DCBZ12D4	= 1,2-Dichlorobenzene-d	4 20-130
NO2BZD5	= Nitrobenzene-d5	23-120
PHEN2F	= 2-Fluorobiphenyl	30-115
PHEND14	= 4-Terphenyl-d14	18-137
	, ,	

^{*} Surrogate recovery outside acceptance limits



#### Date: April 04, 2002

#### STAT Analysis Corporation

Burns & McDonnell 0203126 CLIENT:

Work Order:

27194-4.07, Peoples Gas-Rogers Park East Parcel Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: 1885

Sample ID: MB-1885-PNA	SampType: MBLK	TestCo	TestCode: PNA_SOIL	Units: mg/Kg		Prep Date: 3/18/2002	3/18/200	2	Kun ID: SV	Kun ID: SVOC-2_020313B	20
Client ID: ZZZZZ	Batch ID: 1885	Test	TestNo: SW8270(SIM)	•		Analysis Date: 3/19/2002	3/19/200	75	SeqNo: 43244	44	
Analyte	Result	PQL	SPK value SPK Ref Val		%REC	LowLimit	HighLimit	%REC LowLimit HighLimit RPD Ref Val	%RPD	%RPD RPDLimit Qual	Qual
Acenaphthene	ON	0.025									
Acenaphthylene	QN	0.025							2		
Anthracene	QN	0.025									
Benz(a)anthracene	QN	0.025							ar.		
Benzo(a)pyrene	QN	0.025									
Benzo(b)fluoranthene	QN	0.025									
Benzo(g,h,i)perylene	QN	0.025									
Benzo(k)fluoranthene	QN	0.025									
Chrysene	QN	0.025									
Dibenz(a,h)anthracene	QN	0.025									
Fluoranthene	Q	0.025									
Fluorene	QN	0.025									
Indeno(1,2,3-cd)pyrene	QN	0.025									
Naphthalene	QN	0.025									
Phenanthrene	QN	0.025									
Pyrene	QN	0.025									

Sample ID: LCS-1885-PNA	1885-PNA	SampType: LCS	TestCoc	TestCode: PNA_SOIL	Units: mg/Kg		Prep Date: 3/18/2002	3/18/20	02	Run ID: SVOC-2_020315B	020315B
Client ID: ZZZZZ	7.	Batch ID: 1885	Testh	FestNo: SW8270(SIM)		1	Anaiysis Date:	3/19/2002	02	SeqNo: 43245	
Analyte		Result	Pal	SPK value SPK Ref Val	PK Ref Val	%REC	LowLimit	-lighLimit	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual	Limit Qual
Acenaphthene		0.1367	0.025	0.167	0	81.8	30	130	0	0	
Acenaphthylene		0.161	0.025	0.167	0	96.4	30	130	0	0	
Anthracene		0.1617	0.025	0.167	0	96.8	30	130	0	0	
Benz(a)anthracene	<u>)</u>	0.1497	0.025	0.167	0	9.68	30	130	0	0	
Benzo(a)ovrene		0.1073	0.025	0.167	0	64.3	30	130	0	0	
Benzo(b)fluoranthene	hene	0.1217	0.025	0.167	0	72.9	30	130	0	0	
Benzo(a h i)pervlene	ene	0.067	0.025	0.167	0	40.1	30	130	0	0	
Benzolk Migranthene	hene	0.1237	0.025	0.167	0	74.1	30	130	0	0	
Chrysene		0.1467	0.025	0.167	0	87.8	30	130	0	0	
Qualifiers:	ND - Not De	ND - Not Detected at the Reporting Limit		S - Spike	S - Spike Recovery outside accepted recovery limits	cepted reco	very limits		B - Analyte detect	B - Analyte detected in the associated Method Blank	ethod Blank
,	J - Analyte d	J - Analyte detected below quantitation limits		R - RPD	R - RPD outside accepted recovery limits	overy limits					Page 1 of 2

Page 2 of 2

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

ND - Not Detected at the Reporting Limit J - Analyte detected below quantitation limits

Qualifiers:

ANALYTICAL QC SUMMARY REPORT

27194-4.07, Peoples Gas-Rogers Park East Parcel

Burns & McDonnell

0203126

Work Order:

Project:

CLIENT:

Batchl

BatchID: 1885

Sample ID: LCS-1885-PNA	SampType: LCS	TestCoo	FestCode: PNA_SOIL	Units: mg/Kg		Prep Date	Prep Date: 3/18/2002	ŭ	Run ID: SV	Run ID: SVOC-2_020315B	œ
Client ID: ZZZZZ	Batch ID: 1885	TestN	TestNo: SW8270(SIM)	( <del>)</del>	∢.	vnalysis Date	Analysis Date: 3/19/2002	7	SeqNo: 43245	245	
Analyte	Result	Pal	SPK value SPK Ref Val		%REC	LowLimit	HighLimit I	%REC LowLimit HighLimit RPD Ref Val	%RPD	%RPD RPDLimit Qual	Qual
Dibenz(a,h)anthracene	0.08867	0.025	0.167	0	53.1	30	130	0	0		
Fluoranthene	0.1507	0.025	0.167	0	90.2	30	130	0	0		
Fluorene	0.136	0.025	0.167	0	81.4	30	130	0	0		
Indeno(1,2,3-cd)pyrene	0.08467	0.025	0.167	0	50.7	30	130	0	0		
Naphthalene	0.1407	0.025	0.167	0	84.2	30	130	0	0		
Phenanthrene	0.1367	0.025	0.167	0	81.8	30	130	0	0		
Pyrene	0.1497	0.025	0.167	0	89.6	30	130	0	0		

2201 West Campbell Park Drive Chicago, IL 60612-3547 312.733.0551 Fax:312.733.2386 e-mail address: STATinfo@STATAnalysis.com AIHA accredited 10248, NVLAP accredited 101202-0

PEOPLES ROGISTS PARK GAST

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March 26, 2002

Margaret Kelley Burns & McDonnell 2601 W. 22nd Street OakBrook, IL 60523-1229

Telephone: (630) 990-0300

Fax:

(630) 990-0301

RE: 28019, Peoples Gas - Rogers Park East Parcel

STAT Project No: 0203092

Dear Margaret Kelley:

STAT Analysis received 1 sample for the referenced project on 3/13/2002. The analytical results are presented in the following report.

All analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except where noted in the Case Narrative.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Craig Chawla

Project Manager

i e		

Date: March 26, 2002

Client:

Burns & McDonnell

Project:

28019, Peoples Gas - Rogers Park East Parcel

Work Order Sample Summary

Lab Order:

0203092

Lab Sample ID

Client Sample ID

Tag Number

**Collection Date** 

Date Received

0203092-001A

RPE-CS-014

3'

3/13/02 1:15:00 PM

3/13/02



2201 West Campbell Park Drive Chicago, IL 60612-3547
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATanalysis.com





Date Reported: March 26, 2002

Date Printed: March 26, 2002

Client:

Burns & McDonnell

0203092

28019, Peoples Gas - Rogers Park East Parcel

Client Sample ID: RPE-CS-014

Collection Date: 3/13/02 1:15:00 PM

Matrix: Soil

Project:

Lab Order:

0203092-001

SPLP Mercury Mercury  SPLP Metals by ICP/MS Arsenic Barium Cadmium Chromium Lead Selenium Silver  Polynuclear Aromatic Hydrocarbons Acenaphthene Acenaphthylene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Chrysene	ND SW ND 0.54 ND ND ND ND 0.0062 ND ND	11312/7470A 0.00025 11312/6020 0.01 0.005 0.01 0.005 0.01 0.25 78270(SIM) 0.03 0.03	Prep Date: mg/L Prep Date: mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	1 3/15/02 5 5 5 5 5 5 5	Analyst: <b>DI</b> 3/21/02  Analyst: <b>MCL</b> 3/18/02 3/18/02 3/18/02 3/18/02 3/18/02 3/18/02 3/18/02 Analyst: <b>VS</b> 3/14/02
Mercury  SPLP Metals by ICP/MS  Arsenic Barium Cadmium Chromium Lead Selenium Silver  Polynuclear Aromatic Hydrocarbons Acenaphthene Acenaphthylene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(g,h,i)perylene Benzo(k)fluoranthene	ND	0.00025  11312/6020 0.01 0.01 0.005 0.01 0.005 0.01 0.25	mg/L Prep Date: mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	1 3/15/02 5 5 5 5 5 5 5 5 5 5 5 5 5	3/21/02  Analyst: MCL 3/18/02 3/18/02 3/18/02 3/18/02 3/18/02 3/18/02 Analyst: VS
SPLP Metals by ICP/MS  Arsenic Barium Cadmium Chromium Lead Selenium Silver  Polynuclear Aromatic Hydrocarbons Acenaphthene Acenaphthylene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene	ND 0.54 ND ND 0.0062 ND ND ND	0.01 0.01 0.005 0.01 0.005 0.01 0.25 78270(SIM) 0.03	Prep Date: mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	5 5 5 5 5 5 5 5 5	3/18/02 3/18/02 3/18/02 3/18/02 3/18/02 3/18/02 3/18/02 Analyst: <b>VS</b>
Arsenic Barium Cadmium Chromium Lead Selenium Silver  Polynuclear Aromatic Hydrocarbons Acenaphthene Acenaphthylene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene	ND 0.54 ND ND 0.0062 ND ND ND	0.01 0.01 0.005 0.01 0.005 0.01 0.25 78270(SIM) 0.03	mg/L mg/L mg/L mg/L mg/L mg/L mg/L Prep Date: mg/Kg-dry	5 5 5 5 5 5 5 5 5	3/18/02 3/18/02 3/18/02 3/18/02 3/18/02 3/18/02 3/18/02 Analyst: <b>VS</b>
Barium Cadmium Chromium Lead Selenium Silver  Polynuclear Aromatic Hydrocarbons Acenaphthene Acenaphthylene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene	0.54 ND ND 0.0062 ND ND ND	0.01 0.005 0.01 0.005 0.01 0.25 78270(SIM) 0.03	mg/L mg/L mg/L mg/L mg/L mg/L Prep Date: mg/Kg-dry	5 5 5 5 5 5 5	3/18/02 3/18/02 3/18/02 3/18/02 3/18/02 3/18/02 Analyst: <b>VS</b>
Cadmium Chromium Lead Selenium Silver  Polynuclear Aromatic Hydrocarbons Acenaphthene Acenaphthylene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene	ND ND 0.0062 ND ND ND	0.005 0.01 0.005 0.01 0.25 <b>8270(SIM)</b> 0.03	mg/L mg/L mg/L mg/L mg/L Prep Date: mg/Kg-dry	5 5 5 5 5 5	3/18/02 3/18/02 3/18/02 3/18/02 3/18/02 Analyst: <b>VS</b>
Chromium Lead Selenium Silver  Polynuclear Aromatic Hydrocarbons Acenaphthene Acenaphthylene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene	ND 0.0062 ND ND ND SW ND	0.01 0.005 0.01 0.25 <b>8270(SIM)</b> 0.03	mg/L mg/L mg/L mg/L Prep Date: mg/Kg-dry	5 5 5 5 : <b>3/13/02</b>	3/18/02 3/18/02 3/18/02 3/18/02 Analyst: <b>VS</b>
Lead Selenium Silver  Polynuclear Aromatic Hydrocarbons Acenaphthene Acenaphthylene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene	0.0062 ND ND ND SW ND ND	0.005 0.01 0.25 <b>/8270(SIM)</b> 0.03	mg/L mg/L mg/L Prep Date: mg/Kg-dry	5 5 5 : <b>3/13/02</b>	3/18/02 3/18/02 3/18/02 Analyst: <b>VS</b>
Selenium Silver  Polynuclear Aromatic Hydrocarbons Acenaphthene Acenaphthylene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene	ND ND <b>SW</b> ND ND	0.01 0.25 <b>78270(SIM)</b> 0.03	mg/L mg/L Prep Date: mg/Kg-dry	5 5 : <b>3/13/02</b>	3/18/02 3/18/02 Analyst: <b>VS</b>
Polynuclear Aromatic Hydrocarbons Acenaphthene Acenaphthylene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene	ND <b>SW</b> ND ND	0.25 <b>/8270(SIM)</b> 0.03	mg/L Prep Date: mg/Kg-dry	5 : <b>3/13/02</b>	3/18/02 Analyst: <b>VS</b>
Polynuclear Aromatic Hydrocarbons Acenaphthene Acenaphthylene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene	SW ND ND	<b>78270(SIM)</b> 0.03	Prep Date: mg/Kg-dry	: 3/13/02	Analyst: <b>VS</b>
Acenaphthene Acenaphthylene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene	ND ND	0.03	mg/Kg-dry		<del>-</del>
Acenaphthene Acenaphthylene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene	ND ND	0.03		1	3/14/02
Acenaphthylene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene		0.03			
Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene	ND		mg/Kg-dry	1	3/14/02
Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene	ND	0.03	mg/Kg-dry	1	3/14/02
Benzo(a)pyrene Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene	ND	0.03	mg/Kg-dry	1	3/14/02
Benzo(b)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene	ND	0.03	mg/Kg-dry	1	3/14/02
Benzo(g,h,i)perylene Benzo(k)fluoranthene	ND	003	mg/Kg-dry	1	3/14/02
Benzo(k)fluoranthene	ND	0.03	mg/Kg-dry	1	3/14/02
• •	ND	0.03	mg/Kg-dry	1	3/14/02
	ND	0.03	mg/Kg-dry	1	3/14/02
Dibenz(a,h)anthracene	ND	0.03	mg/Kg-dry	1	3/14/02
Fluoranthene	ND	0.03	mg/Kg-dry	1	3/14/02
Fluorene	ND	0.03	mg/Kg-dry	1	3/14/02
Indeno(1,2,3-cd)pyrene	ND	0.03	mg/Kg-dry	1	3/14/02
Naphthalene	ND	0.03	mg/Kg-dry	1	3/14/02
Phenanthrene	ND	0.03	mg/Kg-dry	1	3/14/02
Prenarumene Pyrene	ND	003	mg/Kg-dry	1	3/14/02
•	Da	216	Prep Date:	· 3/13/02	Analyst: MH
Percent Moisture Percent Moisture	عط 19.69	0.01	wt%	1	3/14/02

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

^{* -} Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits



# Request for Chemical Analysis and Chain of Custody Record

								***************************************						
0			1 oborotory							Doct	Document Control No:	ontrol No		
Burns & Mc	Burns & McDolmen Engineering	_	Laborato	7. ソア		しまるり				Lab.	Referen	ce No. or	Lab, Reference No. or Episode No.:	02020A2
2601 W. ZZnd St Oak Brook, Illino	2601 W. 22nd St Oak Brook, Illinois 60523		Address:	2201		(Amp	WEST CAMPIBBLE DRIVE	をいる						
Phone: (630)	Phone: (630) 990-0300 Fax: (630) 990-0301	30) 990-0301	City/State/Zip:		CHICAGO, 11	7						9000 (2)	(the	
Attention:			Telephone:	00		133-055	Ñ					02	Sold Sold Sold Sold Sold Sold Sold Sold	
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Group or SWMU Name	Sample Point	Sample Designator	Round	Year	From	2	Date	Time	lo2 		2/2	20		Remarks
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Sampler	signajure);	Sar	Sampler (signature):	:(a)			Custody Seal Number	I Number	Specie	al Instruc	Special Instructions: RUSH	HSU	PNP	
1	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\										S	STANDALD	HELD SPUP IN	SALP METALS (KCRA)
Relinguehe	shed By (signature):	Da	Date/Time	Received By (spenature):	By (signature):			Date/Time	71	resent in	Ice Present in Container:	er:	Temperature	Temperature Upon Receipt:
Relinquished By	ed By (signature):	Da	Date/Time	Received	Received By (signature)		, <u>(</u>	Date/Time	Labor	atory Co	Laboratory Comments:			
12. VR	DOMA-		111111		2				-	-				

**Date:** 26-Mar-02

CLIENT:

Burns & McDonnell

Work Order:

0203092

Project:

28019, Peoples Gas - Rogers Park East Parcel

Test No: SW

SW8270(SIM) Matrix: S

QC SUMMARY REPORT SURROGATE RECOVERIES

Sample ID	DCBZ12D4	NO2BZD5	PHEN2F	PHEND14		
MB-1827-PNA	63.5	69.1	73.1	86.4		
LCS-1827-PNA	57.7	62.9	66.5	90.0		
0203056-005AMS	36.5	42.9	44.7	876		
0203056-005AMSD	41.1	48.9	52.3	84.2		
0203092-001A	54.5	64.5	62.5	77.2		

Acronym	Surrogate	QC Limits —
DCBZ12D4	= 1,2-Dichlorobenzene-d4	20-130
NO2BZD5	= Nitrobenzene-d5	23-120
PHEN2F	= 2-Fluorobiphenyl	30-115
PHEND14	= 4-Terphenyl-d14	18-137

^{*} Surrogate recovery outside acceptance limits

CLIENT:

Work Order:

Burns & McDonnell 0203092 28019, Peoples Gas - Rogers Park East Parcel Project:

## ANALYTICAL QC SUMMARY REPORT

Date: March 26, 2002

BatchID: 1871

Sample ID: 0	Sample ID: 0203092-001AMS	SampType: MS	TestCod	TestCode: M_ICPMS_S	Units: mg/L		Prep Date:	3/15/02		Run ID: ICP	Run ID: ICPMS_020318A	
Client ID: R	RPE-CS-014	Batch ID: 1871	TestN	TestNo: SW1312/6020	0;		Analysis Date:	3/18/02		SeqNo: 43154	54	<del> </del>
Analyte		Result	Pal	SPK value S	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic		0.464	0.010	0.5	0.00576	91.6	80	120	0	0		
Barium		0.9782	0.010	0.5	0.5359	88.5	80	120	0	0		
Cadmium		0.475	0.0050	0.5	0	95	80	120	0	0		
Chromium		0.4825	0.010	0.5	0.00262	96	80	120	0	0		
Lead		0.4554	0.0050	0.5	0.00625	89.8	80	120	0	0		
Selenium		0.4722	0.010	0.5	0	94.4	80	120	0	0		
Silver		0.4666	0.010	0.5	0	93.3	80	120	0	0		
Sample ID: 0	Sample ID: 0203092-001AMSD	SampType: MSD	TestCod	TestCode: M_ICPMS_S	S Units: mg/L		Prep Date:	3/15/02		Run ID: ICP	Run ID: ICPMS_020318A	
Client ID: R	RPE-CS-014	Batch ID: 1871	TestN	TestNo: SW1312/6020	02	•	Analysis Date:	3/18/02		SeqNo: 43155	55	
Analyte		Result	Pol	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic		0.4592	0.010	0.5	0.00576	90.7	80	120	0.464	1.04	20	
Barinm		0.9796	0.010	0.5	0.5359	88.7	80	120	0.9782	0.143	20	
Cadmium		0.473	0.0050	0.5	0	94.6	80	120	0.475	0.422	20	
Chromium		0.4808	0.010	0.5	0.00262	92.6	80	120	0.4825	0.353	20	
Lead		0.4559	0.0050	9.0	0.00625	89.9	80	120	0.4554	0.110	20	
Selenium		0.4687	0.010	9.0	0	93.7	80	120	0.4722	0.744	20	
Silver		0.4684	0.010	0.5	0	93.7	80	120	0.4666	0.385	20	
Sample ID: MBW1 03/15	MBW1 03/15	SampType: MBLK	TestCod	TestCode: M_ICPMS_W	N Units: mg/L		Prep Date:	3/15/02		Run ID: ICP	Run ID: ICPMS_020318A	
Client ID: 2	22222	Batch ID: 1871	TestN	TestNo: SW6020			Analysis Date:	3/18/02		SeqNo: 43150	150	
Analyte		Result	POL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic		Ø	0.0020									
Barium		N Q	0.0020									
Cadmium		QN	0.0010									
Chromium		QN	0.0020									
Lead		Q	0.0010									
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	O SERVICION CONTRA	tion I wish on the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the		3 S			1		Amointo dotas	diocess of a be-	ted Mathod Di	Jac
Qualifiers:	ואם - ואטו בסופו	ND - Not Detected at the Reporting Limit		anide - e	<ul> <li>Spike Kecovery outside accepted recovery limits</li> </ul>	nai naidaga	very minus	-	B - Anaiyie delected in the associated Method Blank	IEG III IIIE associe	וכח ואובוווחת דיו	ZIIK

Page 1 of 6

R - RPD outside accepted recovery limits

J - Analyte detected below quantitation limits

Burns & McDonnell 0203092 CLIENT:

Work Order:

28019, Peoples Gas - Rogers Park East Parcel Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: 1871

Sample ID: MBW1 03/15 Client ID: ZZZZZ	SampType: MBLK Batch ID: 1871	TestCod	TestCode: M_ICPMS_W TestNo: SW6020	// Units: mg/L		Prep Date: Analysis Date:	3/15/02 3: 3/18/02		Run ID: ICPMS_020318A SeqNo: 43150	MS_020318A	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium Silver	O.00063	0.0020									٦
Sample ID: LCSW1 03/15 Client ID: ZZZZZ	SampType: LCS Batch ID: 1871	TestCode	TestCode: M_ICPMS_W TestNo: SW6020	// Units: mg/L		Prep Date: Analysis Date:	3/15/02 3/3/18/02		Run ID: ICPMS_020318A SeqNo: 43151	MS_020318A	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.4372	0.0020	0.5	0	87.4	80	120	0	0		
Barium	0.4786	0.0020	0.5	0	95.7	80	120	0	0		
Cadmium	0.4607	0.0010	0.5	0	92.1	80	120	0	0		
Chromium	0.4753	0.0020	0.5	0	95.1	80	120	0	0		
Lead	0.469	0.0010	0.5	0	93.8	8	120	0	0		
Selenium	0.4527	0.0020	0.5	0	90.5	8	120	0	0		
Silver	0.4166	0.0020	0.5	0.00063	83.2	80	120	0	0		
Sample ID: LCSDW1 03/15	SampType: LCSD	TestCod	le: M_ICPMS_W	W Units: mg/L		Prep Date:	e: 3/15/02		Run ID: ICPMS_020318A	WS_020318A	
Client ID: ZZZZZ	Batch ID: 1871	TestN	lo: SW6020			Analysis Date:	e: 3/18/02		SeqNo: 43152	52	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.4485	0.0020	0.5	0	89.7	80	120	0.4372	2.55	20	
Barium	0.4894	0.0020	0.5	0	97.9	8	120	0.4786	2.23	20	
Cadmium	0.4743	0.0010	0.5	0	94.9	80	120	0.4607	2.91	20	
Chromium	0.482	0.0020	0.5	0	96.4	80	120	0.4753	1.40	20	
Lead	0.479	0.0010	0.5	0	95.8	80	120	0.469	2.11	20	
Selenium	0.4663	0.0020	0.5	0	93.3	80	120	0.4527	2.96	20	
Silver	0.4372	0.0020	0.5	0.00063	87.3	80	120	0.4166	4.83	20	

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits	B - Analyte detected in the associated Method Blank
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits	Page 2 of 6

CLIENT: Burns & McDonnell

Work Order: 0203092

Project: 28019, Peoples Gas - Rogers Park East Parcel

## ANALYTICAL QC SUMMARY REPORT

BatchID: 1941

Sample ID: 0203092-001AMS Client ID: RPE-CS-014	SampType: MS Batch ID: 1941	TestCode	TestCode: M_1312_HG TestNo: SW1312/7470	Units: mg/L	4	Prep Date: 3/21/02 Analysis Date: 3/21/02	3/21/02		Run ID: CETAC_020321A SeqNo: 44226	
Analyte	Result	PQL	SPK value SP	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val	ighLimit	RPD Ref Val	%RPD RPDLimit	Qual
Mercury	0.00246	0.00025	0.0025	0	98.4	75	125	0	0	
Sample ID: 0203092-001AMSD	SampType: MSD	TestCode	TestCode: M_1312_HG	Units: mg/L		Prep Date:	3/21/02		Run ID: CETAC_020321A	
Client ID: RPE-CS-014	Batch ID: 1941	TestN	No: SW1312/7470		4	Analysis Date:	3/21/02		SeqNo: 44227	
Analyte	Result	Pal	SPK value SP	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD RPDLimit	Qual
Mercury	0.00249	0.00025	0.0025	0.	9.66	75	125	0.00246	1.21 20	
Sample ID: MBW1 03/21	SampType: MBLK	TestCod	TestCode: M_HG_WATE	Units: mg/L		Prep Date:			Run ID: CETAC_020321A	
Client ID: ZZZZZ	Batch ID: 1941	TestN	TestNo: SW7470A		1	Analysis Date: 3/21/02	3/21/02		SeqNo: 44213	
Analyte	Result	Pal	SPK value SP	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD RPDLimit	Qual
Mercury	QN	0.00025								
Sample ID: LCSW1 03/21	SampType: LCS	TestCod	TestCode: M_HG_WATE Units: mg/L	Units: mg/L		Prep Date:	:		Run ID: CETAC_020321A	
Client ID: ZZZZZ	Batch ID: 1941	TestN	TestNo: SW7470A			Analysis Date:	3/21/02		SeqNo: 44214	
Analyte	Result	Pal	SPK value SF	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD RPDLimit	Qual
Mercury	0.00248	0.00025	0.0025	0	99.2	80	120	0	0	
Sample ID: LCSDW1 03/21	SampType: LCSD	TestCod	TestCode: M_HG_WATE	Units: mg/L		Prep Date:			Run ID: CETAC_020321A	
Client ID: ZZZZZ	Batch ID: 1941	TestN	TestNo: SW7470A			Analysis Date: 3/21/02	3/21/02		SeqNo: 44215	
Analyte	Result	PQL	SPK value SF	SPK Ref Val	%REC	LowLimit HighLimit		RPD Ref Val	%RPD RPDLimit	Qual
Mercury	0.00247	0.00025	0.0025	0	98.8	80	120	0.00248	0.404 20	

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 3 of 6

Burns & McDonnell CLIENT:

0203092 Work Order:

28019, Peoples Gas - Rogers Park East Parcel Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: 1827

Client ID: ZZZZZ Ba Analyte	Samplybe. MDLA	ומאוכסמו	TestCode: PNA_SOIL	Units: mg/Kg		Prep Dat	Prep Date: 3/13/02		Run ID: SV	Run ID: SVOC-2_020313A	∢ .
Analyte	Batch ID: 1827	TestN	TestNo: SW8270(SIM)	<u> </u>	*	Analysis Date: 3/13/02	e: 3/13/02		SeqNo: 41902	202	
	Result	PQL	SPK value SPK Ref Val		%REC	LowLimit	HighLimit	%REC LowLimit HighLimit RPD Ref Val	%RPD	%RPD RPDLimit	Qual
Acenaphthene	QN	0.025								-	
Acenaphthylene	QN	0.025									
Anthracene	QN	0.025									
Benz(a)anthracene	QN	0.025									
Benzo(a)pyrene	Q	0.025									
Benzo(b)fluoranthene	QN	0.025									
Benzo(g,h,i)perylene	QN	0.025									
Benzo(k)fluoranthene	QN	0.025									
Chrysene	QN	0.025									
Dibenz(a,h)anthracene	Q	0.025									
Fluoranthene	QN	0.025									
Fluorene	Q	0.025									
Indeno(1,2,3-cd)pyrene	Q	0.025									
Naphthalene	Q	0.025									
Phenanthrene	9	0.025									
Pyrene	Ω	0.025									

Sample ID: LCS-1827-PNA	SampType: LCS	TestCoc	TestCode: PNA_SOIL	Units: mg/Kg		Prep Date	Prep Date: 3/13/02		Run ID: SVOC-2_020313A	020313A	
Client ID: ZZZZZ	Batch ID: 1827	TestNo:	lo: SW8270(SIM)	•		Analysis Date:	3/13/02		SeqNo: 41903		
Analyte	Result	Pal	SPK value S	SPK Ref Val	%REC	LowLimit	HighLimit	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual	Limit (	Jual
Acenaphthene	0.09567	0.025	0.167	0	57.3	30	130	0	0		
Acenaphthylene	0.103	0.025	0.167	0	61.7	30	130	0	0		
Anthracene	0.111	0.025	0.167	0	66.5	30	130	0	0		
Benz(a)anthracene	0.1273	0.025	0.167	0	76.2	30	130	0	0		
Benzo(a)pyrene	0.1353	0.025	0.167	0	81	30	130	0	0		
Benzo(b)fluoranthene	0.1307	0.025	0.167	0	78.2	30	130	0	0		
Benzo(g,h,i)perylene	0.1263	0.025	0.167	0	75.6	30	130	0	0		
Benzo(k)fluoranthene	0.1297	0.025	0.167	0	77.6	30	130	0	0		
Chrysene	0.117	0.025	0.167	0	70.1	30	130	0	0		
Dibenz(a,h)anthracene	0.126	0.025	0.167	0	75.4	30	130	0	0		

J - Analyte detected below quantitation limits ND - Not Detected at the Reporting Limit

Qualifiers:

R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits

Page 4 of 6

B - Analyte detected in the associated Method Blank

Burns & McDonnell CLIENT:

0203092 Work Order:

28019, Peoples Gas - Rogers Park East Parcel Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: 1827

Sample ID: LCS-1827-PNA SampType: LCS	SampType: LCS	TestCod	TestCode: PNA_SOIL	Units: mg/Kg		Prep Date:	3/13/02		Run ID: SVOC-2_020313A
Client ID: ZZZZZ	Batch ID: 1827	TestN	TestNo: SW8270(SIM)	_		Analysis Date:	3/13/02		SeqNo: 41903
Analyte	Result	Pal	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual
Fluoranthene	0.121	0.025	0.167	0	72.5	30	130	0	0
Fluorene	0.09733	0.025	0.167	0	58.3	30	130	0	0
Indeno(1,2,3-cd)pyrene	0.127	0.025	0.167	0	76	30	130	0	0
Naphthalene	0.00	0.025	0.167	0	53.9	93	130	0	0
Phenanthrene	0.1013	0.025	0.167	0	60.7	30	130	0	0
Pyrene	0.12	0.025	0.167	0	71.9	30	130	0	0
Sample ID: 0203056-005AMS	SampType: MS	TestCod	TestCode: PNA_SOIL	Units: mg/Kg-dry	dry	Prep Date:	3/13/02		Run ID: SVOC-2_020313A
Client ID: ZZZZZ	Batch ID: 1827	TestN	TestNo: SW8270(SIM)	M)		Analysis Date:	3/14/02		SeqNo: 41906
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLImit Qual
Acenaphthene	0.0789	0.029	0.1967	0	40.1	30	130	0	0
Acenaphthylene	0.08675	0.029	0.1967	0	44.1	99	130	0	0,
Anthracene	0.1268	0.029	0.1967	0	64.5	30	130	0	, O
Benz(a)anthracene	0.1535	0.029	0.1967	0.006225	74.1	30	130	0	0
Benzo(a)pyrene	0.17	0.029	0.1967	0.007864	81.4	30	130	0	0
Benzo(b)fluoranthene	0.1598	0.029	0.1967	0.008191	9/	30	130	0	0
Benzo(g,h,i)perylene	0.1299	0.029	0.1967	0.005898	62.3	30	130	0	0
Benzo(k)fluoranthene	0.1523	0.029	0.1967	0	77.4	30	130	0	0
Chrysene	0.1409	0.029	0.1967	0.009502	65.6	30	130	0	0
Dibenz(a,h)anthracene	0.1366	0.029	0.1967	0	69.5	30	130	0	0
Fluoranthene	0.1484	0.029	0.1967	0.01114	68.3	30	130	0	0
Fluorene	0.08714	0.029	0.1967	0	44.3	30	130	0	0
Indeno(1,2,3-cd)pyrene	0.139	0.029	0.1967	0.003932	68.2	30	130	0	0
Naphthalene	0.06948	0.029	0.1967	0	35.3	30	130	0	0
Phenanthrene	0.1134	0.029	0.1967	0	57.7	30	130	0	0
Pyrene	0.146	0.029	0.1967	0.01081	67.4	30	130	0	0

J - Analyte detected below quantitation limits ND - Not Detected at the Reporting Limit Qualifiers:

S - Spike Recovery outside accepted recovery limits R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 5 of 6

CLIENT: Burns & McDonnell

Work Order: 0203092

28019, Peoples Gas - Rogers Park East Parcel

Project:

## ANALYTICAL QC SUMMARY REPORT

BatchID: 1827

Sample ID: 0203056-005AMSD	SampType: MSD	TestCo	TestCode: PNA_SOIL	Units: mg/Kg-dry	>	Prep Date:	3/13/02		Run ID: SV	Run ID: SVOC-2_020313A	
Client ID: ZZZZZ	Batch ID: 1827	Test	TestNo: SW8270(SIM	IM)	1	Analysis Date:	3/14/02		SeqNo: 41913	113	
Analyte	Result	t PaL	SPK value	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.1162	2 0.031	0.2065	0	56.3	30	130	0.06293	38.3	20	
Acenaphthylene	0.1265	5 0.031	0.2065	0	61.3	30	130	0.06919	37.3	90	
Anthracene	0.1644	1 0.031	0.2065	0	79.6	30	130	0.1011	25.9	20	
Benz(a)anthracene	0.1731	1 0.031	0.2065	0.006225	80.1	30	130	0.1224	12.0	90	
Benzo(a)pyrene	0.1904	4 0.031	0.2065	0.007864	87.4	တ္တ	130	0.1356	11.3	20	
Benzo(b)fluoranthene	0.1801	1 0.031	0.2065	0.008191	82.3	30	130	0.1274	12.0	50	
Benzo(g,h,i)perylene	0.141	1 0.031	0.2065	0.005898	64.7	30	130	0.1036	8.14	20	
Benzo(k)fluoranthene	0.1702	2 0.031	0.2065	0	82.4	30	130	0.1215	11.1	50	
Chrysene	0.1591	1 0.031	0.2065	0.009502	71.3	30	130	0.1124	12.1	90	
Dibenz(a,h)anthracene	0.1508	8 0.031	0.2065	0	73.1	30	130	0.109	9.91	90	
Fluoranthene	0.171	1 0.031	0.2065	0.01114	76.1	30	130	0.1183	14.2	90	
Fluorene	0.1278	8 0.031	0.2065	0	61.9	30	130	0.06951	37.8	20	
Indeno(1,2,3-cd)pyrene	0.1521	1 0.031	0.2065	0.003932	71.3	30	130	0.1108	9.02	90	
Naphthalene	0.09356	6 0.031	0.2065	0	45.3	30	130	0.05542	29.5	20	
Phenanthrene	0.1463	3 0.031	0.2065	0	70.9	30	130	0.09048	25.3	20	
Pyrene	0.1702	2 0.031	0.2065	0.01081	75.9	30	130	0.1165	15.3	20	

J - Analyte detected below quantitation limits

2201 West Campbell Park Drive Chicago, IL 60612-3547 312.733.0551 Fax:312.733.2386 e-mail address: STATinfo@STATAnalysis.com AIHA accredited 10248, NVLAP accredited 101202-0

PEOPLES ROBBYS PARK BAST I

March 26, 2002

Margaret Kelley Burns & McDonnell 2601 W. 22nd Street OakBrook, IL 60523-1229 Telephone: (630) 990-0300

Fax:

(630) 990-0301

RE: 27194-4.07, People Gas-Rogers Park East Parcel

STAT Project No: 0203138

Dear Margaret Kelley:

STAT Analysis received 1 sample for the referenced project on 3/19/2002. The analytical results are presented in the following report.

All analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except where noted in the Case Narrative.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Craig Chawla

Project Manager

Date: March 26, 2002

Client:

Burns & McDonnell

Project:

27194-4.07, People Gas-Rogers Park East Parcel

Lab Order:

0203138

Work Order Sample Summary

Lab Sample ID

Client Sample ID

Tag Number

**Collection Date** 

Date Received

0203138-001A

RPE-CS-015

3/19/02 12:40:00 PM

3/19/02



2201 West Campbell Park Drive Chicago, IL 60612-3547 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATanalysis.com





Date Reported: March 26, 2002

Date Printed: March 26, 2002

Client:

Lab Order:

Burns & McDonnell

0203138

27194-4.07, People Gas-Rogers Park East Parcel

Client Sample ID: RPE-CS-015

Collection Date: 3/19/02 12:40:00 PM

Matrix: Soil

Project: Lab ID:

0203138-001

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
SPLP Mercury	SW	/1312/7470A	Prep Date:	3/21/02	Analyst: <b>DI</b>
Mercury	ND	0.00025	mg/L	1	3/21/02
SPLP Metals by ICP/MS	SW	/1312/6020	Prep Date:	3/22/02	Analyst: MCL
Arsenic	ND	0.002	mg/L	1	3/26/02
Barium	0.4	0.002	mg/L	1	3/26/02
Cadmium	ND	0.001	mg/L	1	3/26/02
Chromium	0.0032	0.002	mg/L	1	3/26/02
Lead	0088	0.001	mg/L	1	3/26/02
Selenium	ND	0.002	mg/L	1	3/26/02
Silver	ND	0.05	mg/L	1	3/26/02
Polynuclear Aromatic Hydrocarbons	SW	/8270(SIM)	Prep Date:	3/19/02	Analyst: <b>VS</b>
Acenaphthene	ND	0.029	mg/Kg-dry	1	3/19/02
Acenaphthylene	ND	0.029	mg/Kg-dry	1	3/19/02
Anthracene	ND	0.029	mg/Kg-dry	1	3/19/02
Benz(a)anthracene	ND	0.029	mg/Kg-dry	1	3/19/02
Benzo(a)pyrene	ND	0.029	mg/Kg-dry	1	3/19/02
Benzo(b)fluoranthene	ND	0.029	mg/Kg-dry	1	3/19/02
Benzo(g,h,i)perylene	ND	0.029	mg/Kg-dry	1	3/19/02
Benzo(k)fluoranthene	ND	0.029	mg/Kg-dry	1	3/19/02
Chrysene	ND	0.029	mg/Kg-dry	1	3/19/02
Dibenz(a,h)anthracene	ND	0.029	mg/Kg-dry	1	3/19/02
Fluoranthene	ND	0.029	mg/Kg-dry	1	3/19/02
Fluorene	ND	0.029	mg/Kg-dry	.1	3/19/02
Indeno(1,2,3-cd)pyrene	ND	0.029	mg/Kg-dry	1	3/19/02
Naphthalene	ND	0.029	mg/Kg-dry	1	3/19/02
Phenanthrene	ND	0.029	mg/Kg-dry	1	3/19/02
Pyrene	ND	0.029	mg/Kg-dry	1	3/19/02
Percent Moisture	D2	216	Prep Date:		Analyst: MH
Percent Moisture	16.84	0.01	wt%	1	3/20/02

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range



# Request for Chemical Analysis and Chain of Custody Record

8 OMPOSITE Remarks STANDAM - S P LP Me Joll Iner: Temperature Upon Receipt: 8818020 Special Instructions: Q US H- (IN A'S Lab. Reference No. or Episode No.: POS POLIS OL 78 PINA POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL 70 POLIS OL Document Control No: Ice Present in Container: Laboratory Comments: 7 Number of Containers Yes 🔀 Gss Sample Type Address: 2201 WEST CAMPBELL PARK DELVE Matrix bilo2 3/19133 Date/Time Date/Time piupid Custody Seal Number Base 3/10/2 1240 Date | Time Sample Collected 312-733-0551 DAST PALLEY 3/11/02 138 1/ Weeln Soines Sample Depth (in feet) City/State/Zip: (HICKGO, IL မ Laboratory: STAT LABS Received By (signature): Received By (signature): ĮŠ. From Year Sample Event Site Name: PEDPLES GAS - ROBBES PARK Telephone: Sampler (signature): Date/Time Round Date/Time Phone: (630) 990-0300 Fax: (630) 990-0301 Sample Designator Project Number: 27月4 - 4.07 Burns & McDonnell Engineering RPECS-015 Sample Number Sample Point Relinquished By (equature): Oak Brook, Illinois 60523 2601 W. 22nd St Group or SWMU Name Attention:

**Date:** 26-Mar-02

CLIENT:

Burns & McDonnell

Work Order:

0203138

Project:

27194-4.07, People Gas-Rogers Park East Parcel

Test No:

SW8270(SIM)

Matrix: S

QC SUMMARY REPORT SURROGATE RECOVERIES

Sample ID	DCBZ12D4	NO2BZD5	PHEN2F	PHEND14	
MB-1893-PNA	51.5	58.1	62.1	82.4	
LCS-1893-PNA	70.3	76.6	76.6	85.2	
0203138-001A	93.6	86.2	107	121	

Acronym	Surrogate	QC Limits
DCBZ12D4	= 1,2-Dichlorobenzene-d4	20-130
NO2BZD5	= Nitrobenzene-d5	23-120
PHEN2F	= 2-Fluorobiphenyl	30-115
PHEND14	= 4-Terphenyl-d14	18-137

^{*} Surrogate recovery outside acceptance limits

Burns & McDonnell CLIENT:

0203138 Work Order:

27194-4.07, People Gas-Rogers Park East Parcel Project:

Date: March 26, 2002

# ANALYTICAL QC SUMMARY REPORT

BatchD: 1941

Sample ID: 0203092-001AMS Client ID: ZZZZZ	SampType: MS Batch ID: 1941	TestCod	TestCode: M_1312_HG TestNo: SW1312/7470	Units: mg/L	4	Prep Date: Analysis Date:	3/21/02		Run ID: CETAC_020321A SeqNo: 44226	321A
Analyte	Result	POL	SPK value	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD RPDLimit	nt Qual
Mercury	0.00246	0.00025	0.0025	0	98.4	75	125	0	0	,
Sample ID: 0203092-001AMSD Client ID: ZZZZZ	SampType: MSD Batch ID: 1941	TestCod	TestCode: M_1312_HG TestNo: SW1312/7470	5 Units: mg/L 70		Prep Date: Analysis Date:	3/21/02		Run ID: CETAC_020321A SeqNo: 44227	321A
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val	lighLimit	RPD Ref Val	%RPD RPDLimit	nit Qual
Mercury	0.00249	0.00025	0.0025	0	9.66	75	125	0.00246	1.21	20
Sample ID: MBW1 03/21 Client ID: ZZZZZ	SampType: MBLK Batch ID: 1941	TestCoo	stCode: M_HG_WA1 TestNo: SW7470A	TestCode: M_HG_WATE Units: mg/L TestNo: SW7470A		Prep Date: Analysis Date:	3/21/02	-	Run ID: CETAC_020321A SeqNo: 44213	321A
Analyte	Result	Pal	SPK value	SPK Ref Val	%REC	LowLimit +	HighLimit	RPD Ref Val	%RPD RPDLimit	nit Qual
Mercury	QN	0.00025								
Sample ID: LCSW1 03/21 Client ID: ZZZZZ	SampType: LCS Batch ID: 1941	TestCoc	stCode: M_HG_WA'	TestCode: M_HG_WATE Units: mg/L TestNo: SW7470A		Prep Date: 3/21/02	3/21/02		Run ID: CETAC_020321A SeqNo: 44214	321A
Analyte	Result	POL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit		RPD Ref Val	%RPD RPDLimit	nit Qual
Mercury	0.00248	0.00025	0.0025	0	99.2	80	120	0	0	
Sample ID: LCSDW1 03/21 Client ID: ZZZZZ	SampType: LCSD Batch ID: 1941	TestCod	TestCode: M_HG_WATE TestNo: SW7470A	TE Units: mg/L		Prep Date: 3/21/02	3/21/02		Run ID: CETAC_020321A SeqNo: 44215	321A
Analyte	Result	Pal	SPK value	SPK Ref Val	%REC	LowLimit HighLimit	HighLimit	RPD Ref Val	%RPD RPDLimit	nit Qual
Mercury	0.00247	0.00025	0.0025	0	98.8	80	120	0.00248	0.404	20

Work Order:

0203138 27194-4.07, People Gas-Rogers Park East Parcel Project:

# ANALYTICAL QC SUMMARY REPORT

BatchD: 1956

Sample ID: 0202141-002AMS	SampType: MS	TestCode	TestCode: M_ICPMS_T	Units: mg/L		Prep Date:	3/22/02		Run ID: ICP	Run ID: ICPMS_020325A	
Client ID: ZZZZZ	Batch ID: 1956	TestN	TestNo: SW1311/6020			Analysis Date:	3/26/02		SeqNo: 45377	77	
Analyte	Result	Pal	SPK value SI	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD	RPDLimit (	Qual
Arsenic	0.4289	0.020	0.5	0	85.8	75	125	0	0		
Barium	1.07	0.020	0.5	0.6354	86.9	75	125	0	0		
Cadmium	0.4058	0.010	0.5	0	81.2	75	125	0	0		
Chromium	0.4372	0.020	0.5	0	87.4	75	125	0	0		
Lead	0.4034	0.010	0.5	0.02134	76.4	75	125	0	0		
Selenium	0.4156	0.020	0.5	0	83.1	75	125	0	0		
Silver	0.3983	0.020	0.5	0.00653	78.4	75	125	0	0		
Sample ID: 0202141-002AMSD	SampType: MSD	TestCod	TestCode: M_ICPMS_T	Units: mg/L		Prep Date:	3/22/02		Run ID: ICP	Run ID: ICPMS_020325A	
Client ID: ZZZZZ	Batch ID: 1956	TestN	TestNo: SW1311/6020			Analysis Date:	3/26/02		SeqNo: 45378	178	
Analyte	Result	Pal	SPK value S	SPK Ref Val	%REC	LowLimit H	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.4211	0.020	0.5	0	84.2	75	125	0.4289	1.84	20	
Barium	1.027	0.020	0.5	0.6354	78.3	75	125	1.07	4.10	20	
Cadmium	0.4029	0.010	0.5	0	90.8	75	125	0.4058	0.717	20	
Chromium	0.437	0.020	0.5	0	87.4	75	125	0.4372	0.0458	20	
Lead	0.3976	0.010	0.5	0.02134	75.3	75	125	0.4034	1.45	20	
Selenium	0.4114	0.020	9.0	0	82.3	75	125	0.4156	1.02	20	
Silver	0.3945	0.020	0.5	0.00653	77.6	75	125	0.3983	0.959	20	
Sample ID: MBW1 03/22	SampType: MBLK	TestCod	TestCode: M_ICPMS_W	/ Units: mg/L		Prep Date:	3/22/02		Run ID: ICF	Run ID: ICPMS_020321B	
Client ID: ZZZZZ	Batch ID: 1956	TestN	TestNo: SW6020			Analysis Date:	3/22/02		SeqNo: 44793	793	
Analyte	Result	PQL	SPK value S	SPK Ref Val	%REC	LowLimit F	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.00031	0.0020									٦
Barium	QN :	0.0020									
Cadmium	9 :	0.0010									
Chromium	QN	0.0020									
Lead	0.00072	0.0010									<b>-</b>
Selenium	OZ	0.0020									
Silver	0.00103	0.0020									<b>-</b> 7
Qualifiers: ND - Not Dete	ND - Not Detected at the Reporting Limit		S - Spike	S - Spike Recovery outside accepted recovery limits	scepted reco	very limits		B - Analyte detected in the associated Method Blank	ted in the associa	ated Method Blan	¥
J - Analyte det	J - Analyte detected below quantitation limits		R - RPD o	R - RPD outside accepted recovery limits	overy limits					Page 2 of 6	9 fo



Work Order:

Project:

0203138 27194-4.07, People Gas-Rogers Park East Parcel

# ANALYTICAL QC SUMMARY REPORT

BatchID: 1956

Sample ID: MBW1 03/22	3W1 03/22	SampType: MBLK	TestCod	TestCode: M ICPMS W	// Units: mg/L		Prep Date:	3/22/02		Run ID: ICPMS 020325A	MS 020325A	
Client ID: ZZ	22222	Batch ID: 1956	TestN	TestNo: SW6020		٩	Analysis Date			SedNo: 45373		
						•	may sis Date.			Oct		
Analyte	-	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic		QN	0.0020									
Barium		QN	0.0020									
Cadmium		ΩN	0.0010									
Chromium		QN	0.0020									
Lead		QN	0.0010									
Selenium		QN	0.0020									
Silver		0.00051	0.0020									7
Sample ID: LCSW1 03/22	:SW1 03/22	SampType: LCS	TestCod	TestCode: M_ICPMS_W	// Units: mg/L		Prep Date:	3/22/02		Run ID: ICPMS_020321B	MS_020321E	
Client ID: ZZ	22222	Batch ID: 1956	TestN	No: SW6020		4	Analysis Date:	3/22/02		SeqNo: 44794	94	
Analyte		Result	Pol	SPK value	SPK Ref Val	%REC	LowLimit 1	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic		0.3935	0.0020	0.5	0.00031	78.6	80	120	0	0		s
Barium		0.4185	0.0020	0.5	0	83.7	80	120	0	0		
Cadmium		0.43	0.0010	0.5	0	88	80	120	0	0		
Chromium		0.4384	0.0020	0.5	0	87.7	80	120	0	0		
Lead		0.421	0.0010	0.5	0.00072	84.1	80	120	0	0		
Selenium		0.4182	0.0020	0.5	0	83.6	80	120	0	0		
Silver		0.4402	0.0020	0.5	0.00103	87.8	80	120	0	0		
Sample ID: LCSW1 03/22	SW1 03/22	SampType: LCS	TestCod	TestCode: M_ICPMS_W	W Units: mg/L		Prep Date:	3/22/02		Run ID: ICPMS_020325A	MS_020325A	-
Client ID: ZZ	22222	Batch ID: 1956	TestN	TestNo: SW6020			Analysis Date:	3/26/02		SeqNo: 45374	74	
Analyte		Result	Pal	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic		0.4178	0.0020	0.5	0	83.6	80	120	0	0		
Barium		0.4433	0.0020	9.0	0	88.7	88	120	0	0		
Cadmium		0.4458	0.0010	0.5	0	89.2	80	120	0	0		
Chromium		0.4458	0.0020	0.5	0	89.2	80	120	0	0		
Lead		0.4552	0.0010	0.5	0	91	80	120	0	0		
Selenium		0.4339	0.0020	0.5	0	86.8	80	120	0	0		
Silver		0.4498	0.0020	0.5	0.00051	89.9	80	120	0	0		
Qualifiers:	ND - Not De	ND - Not Detected at the Reporting Limit		S - Spike	S - Spike Recovery outside accepted recovery limits	ccepted reco	very limits	H H	- Analyte detect	B - Analyte detected in the associated Method Blank	ted Method Bl	ank
	J - Analyte d	J - Analyte detected below quantitation limits		R-RPD	R - RPD outside accepted recovery limits	overy limits					Page 3 of 6	3 of 6

Work Order:

27194-4.07, People Gas-Rogers Park East Parcel

Project:

# ANALYTICAL QC SUMMARY REPORT

BatchID: 1956

Sample ID: LCSDW1 03/22	SampType: LCSD	TestCoc	TestCode: M_ICPMS_W	W Units: mg/L		Prep Date:	3/22/02		Run ID: ICP	Run ID: ICPMS_020321B	
Client ID: ZZZZZ	Batch ID: 1956	TestN	No: SW6020		-	Analysis Date:	3/22/02		SeqNo: 44795	795	
Analyte	Result	Pal	SPK value	SPK Ref Val	%REC	LowLimit Hig	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.4119	0.0020	0.5	0.00031	82.3	80	120	0.3935	4.57	20	
Barium	0.4368	0.0020	0.5	0	87.4	80	120	0.4185	4.28	20	
Cadmium	0.4499	0.0010	0.5	0	06	80	120	0.43	4.52	20	
Chromium	0.4608	0.0020	0.5	0	92.2	80	120	0.4384	4.98	20	
Lead	0.4371	0.0010	0.5	0.00072	87.3	80	120	0.421	3.75	20	
Selenium	0.4378	0.0020	0.5	0	87.6	80	120	0.4182	4.58	20	
Silver	0.4599	0.0020	0.5	0.00103	91.8	80	120	0.4402	4.38	20	
Sample ID: LCSDW1 03/22	SampType: LCSD	TestCoc	TestCode: M_ICPMS_W	W Units: mg/L		Prep Date:	3/22/02		Run ID: ICF	Run ID: ICPMS_020325A	A A
Client ID: ZZZZZ	Batch ID: 1956	Testh	TestNo: SW6020		•	Analysis Date:	3/26/02		SeqNo: 45375	375	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit Hig	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.4249	0.0020	0.5	0	85	80	120	0.4178	1.69	20	
Barium	0.4505	0.0020	0.5	0	90.1	80	120	0.4433	1.61	20	
Cadmium	0.4523	0.0010	0.5	0	90.5	80	120	0.4458	1.45	20	
Chromium	0.4521	0.0020	0.5	0	90.4	80	120	0.4458	1.40	20	
Lead	0.4653	0.0010	0.5	0	93.1	80	120	0.4552	2.19	20	
Seleníum	0.4421	0.0020	0.5	0	88.4	80	120	0.4339	1.87	20	
Silver	0.4566	0.0020	0.5	0.00051	91.2	80	120	0.4498	1.50	20	

J - Analyte detected below quantitation limits

0203138 Work Order: 27194-4.07, People Gas-Rogers Park East Parcel Project:

# ANALYTICAL QC SUMMARY REPORT

BatchID: 1893

Sample ID: MB-1893-PNA	SampType: MBLK	TestCo	TestCode: PNA_SOIL	Units: mg/Kg		Prep Date:	3/19/02		Run ID: SVOC-1_020319A	C-1_020319	ď
Client ID: ZZZZZ	Batch ID: 1893	Test	No: SW8270(SIM)		4	Analysis Date:	3/19/02		SeqNo: 43533	E	
Analyte	Result	Pal	SPK value SI	SPK Ref Val	%REC	LowLimit	HighLimit R	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	QN	0.025									
Acenaphthylene	QN	0.025									
Anthracene	QN	0.025									
Benz(a)anthracene	Q	0.025									
Benzo(a)pyrene	QN	0.025									
Benzo(b)fluoranthene	QN	0.025									
Benzo(g,h,i)perylene	Q	0.025									
Benzo(k)fluoranthene	Q	0.025									
Chrysene	QN	0.025									
Dibenz(a,h)anthracene	QN	0.025									
Fluoranthene	QN	0.025									
Fluorene	QN	0.025									
Indeno(1,2,3-cd)pyrene	QN	0.025									
Naphthalene	QN	0.025									
Phenanthrene	Q	0.025									
Pyrene	QN	0.025									
Sample ID: LCS-1893-PNA	SampType: LCS	TestCo	TestCode: PNA_SOIL	Units: mg/Kg		Prep Date:	3/19/02		Run ID: SVC	Run ID: SVOC-1_020319A	A
Client ID: ZZZZZ	Batch ID: 1893	Test	TestNo: SW8270(SIM)			Analysis Date:	3/19/02		SeqNo: 43536	36,	
Analyte	Result	POL	SPK value S	SPK Ref Val	%REC	LowLimit	HighLimit F	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.09867	0.025	0.167	0	59.1	30	130	0	0		
Acenaphthylene	0.1163	0.025	0.167	0	69.7	30	130	0	0		
Anthracene	0.1067	0.025	0.167	0	63.9	30	130	0	0		
Benz(a)anthracene	0.09233	0.025	0.167	0	55.3	30	130	0	0		
Benzo(a)pyrene	0.1067	0.025	0.167	0	63.9	30	130	0	0		
Benzo(b)fluoranthene	0.09233	0.025	0.167	0	55.3	30	130	0	0		
Benzo(g,h,i)perylene	0.087	0.025	0.167	0	52.1	30	130	0	0		

J - Analyte detected below quantitation limits ND - Not Detected at the Reporting Limit

R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits

Page 5 of 6

B - Analyte detected in the associated Method Blank

0000

0000

130 130 130

33 33

52.1 59.9 68.1 59.1

0000

0.167 0.167 0.167

0.025 0.025 0.025

0.1

0.09867

Dibenz(a,h)anthracene

Qualifiers:

Benzo(k)fluoranthene Benzo(g,h,i)perylene

Work Order:

Project:

0203138 27194-4.07, People Gas-Rogers Park East Parcel

# ANALYTICAL QC SUMMARY REPORT

BatchID: 1893

Description       Description         Description       Description         Result       Permission         Result       Permission         0.1063       0.0         e       0.1017       0.0         1,2,3-cd)pyrene       0.0       0.0         alene       0.09367       0.0         threne       0.092       0.0	Sample ID: LCS-1893-PNA SampType: LCS	pe: LCS	TestCode	TestCode: PNA_SOIL	Units: mg/Kg		Prep Date	Prep Date: 3/19/02		Run ID: SV	Run ID: SVOC-1_020319A	<b>A6</b>
Result thene 0.1063 c 1,2,3-cd)pyrene 0.09367 c threne 0.092 c		ID: 1893	TestN	TestNo: SW8270(SIM)		∢	Analysis Date: 3/19/02	e: 3/19/02		SeqNo: 43536	36	
thene 0.1063 e 0.1017 1,2,3-cd)pyrene 0.09367 alene 0.092		Result	Pal	SPK value SPK Ref Val	יא Ref Val	%REC	LowLimit	HighLimit	%REC LowLimit HighLimit RPD Ref Val	%RPD	%RPD RPDLimit Qual	Qual
1,2,3-cd)pyrene 0.1017 alene 0.09367 threne 0.092		0.1063	0.025	0.167	0	63.7	30	130	0	0		
1,2,3-cd)pyrene 0.1 alene 0.09367 threne 0.092		0.1017	0.025	0.167	0	6.09	30	130	0	0		
alene 0.09367 threne 0.092	yrene	0.1	0.025	0.167	0	59.9	33	130	0	0		
threne 0.092		0.09367	0.025	0.167	0	56.1	30	130	0	0		
		0.092	0.025	0.167	0	55.1	30	130	0	0		
_		0.1073	0.025	0.167	0	64.3	30	130	0	0		

Qualifiers:

2201 West Campbell Park Drive Chicago, IL 60612-3547 312.733.0551 Fax:312.733.2386 e-mail address: STATinfo@STATAnalysis.com AIHA accredited 10248, NVLAP accredited 101202-0

March 21, 2002

Margaret Kelley

Burns & McDonnell

2601 W. 22nd Street

OakBrook, IL 60523-1229

Telephone: (630) 990-0300

Fax:

(630) 990-0301

RE: 27194-4.07, Peoples Gas-Rogers Park East Parcel

STAT Project No: 0203145

Dear Margaret Kelley:

STAT Analysis received 2 samples for the referenced project on 3/20/2002. The analytical results are presented in the following report.

All analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except where noted in the Case Narrative.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Craig Chawla

Project Manager

Date: March 21, 2002

Client:

Burns & McDonnell

Project:

27194-4.07, Peoples Gas-Rogers Park East Parcel

Work Order Sample Summary

Lab Order:

0203145

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
-		8'	3/20/2002 2:15:00 PM	3/20/2002
0203145-001A	RPE-CS-018	_		3/20/2002
0203145-002A	RPE-CS-019	8'	3/20/2002 2:20:00 PM	5/20/2002

Page 1 of 1







Date Reported: March 21, 2002 Date Printed: March 21, 2002

Client:

Burns & McDonnell

Client Sample ID: RPE-CS-018

Lab Order:

0203145

Collection Date: 3/20/2002 2:15:00 PM

Project:

Matrix: Soil

27194-4.07, Peoples Gas-Rogers Park East Parcel

0203145-001

Lab ID: 0203145-001				<u> </u>	
Analyses	Result	Limit Qual	Units	DF	Date Analyzed
Delimination Arematic Hydrocarbons	SW	8270(SIM)	Prep Date:	3/20/2002	Analyst: VS
Polynuclear Aromatic Hydrocarbons	ND	0.03	mg/Kg-dry	1	3/21/2002
Accoraphthulana	ND	0.03	mg/Kg-dry	1	3/21/2002
Acenaphthylene	ND	003	mg/Kg-dry	1	3/21/2002
Anthracene	ND	0.03	mg/Kg-dry	1	3/21/2002
Benz(a)anthracene	ND	0.03	mg/Kg-dry	1	3/21/2002
Benzo(a)pyrene	ND	0.03	mg/Kg-dry	1	3/21/2002
Benzo(b)fluoranthene	ND	0.03	mg/Kg-dry	1	3/21/2002
Benzo(g,h,i)perylene	ND	0.03	mg/Kg-dry	1	3/21/2002
Benzo(k)fluoranthene	ND	0.03	mg/Kg-dry	1	3/21/2002
Chrysene	ND ND	0.03	mg/Kg-dry	1	3/21/2002
Dibenz(a,h)anthracene		0.03	mg/Kg-dry	1 .	3/21/2002
Fluoranthene	ND		mg/Kg-dry	1	3/21/2002
Fluorene	ND	0.03		1	3/21/2002
Indeno(1,2,3-cd)pyrene	ND	0.03	mg/Kg-dry	1	3/21/2002
Naphthalene	ND	0.03	mg/Kg-dry	•	3/21/2002
Phenanthrene	ND	0.03	mg/Kg-dry	1	3/21/2002
Pyrene	ND	003	mg/Kg-dry	1	3/21/2002
Percent Moisture	D2:	216	Prep Date	•	Analyst: MH
Percent Moisture	17.95	0.01	wt%	1	3/21/2002

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range





2201 West Campbell Park Drive Chicago, IL 60612-3547
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATanalysis.com

Date Reported: March 21, 2002

Date Printed: March 21, 2002

Client:

Burns & McDonnell

Client Sample ID: RPE-CS-019

Lab Order:

0203145

Collection Date: 3/20/2002 2:20:00 PM

Project:

27194-4.07, Peoples Gas-Rogers Park East Parcel

Matrix: Soil

Lab ID: 0203145-002

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
	·	(e270/CIM)	Prep Date:	3/20/2002	Analyst: VS
Polynuclear Aromatic Hydrocarbons		8270(SIM) 0.028	mg/Kg-dry	1	3/21/2002
Acenaphthene	ND		mg/Kg-dry	1	3/21/2002
Acenaphthylene	ND	0.028		1	3/21/2002
Anthracene	ND	0.028	mg/Kg-dry	1	3/21/2002
Benz(a)anthracene	ND	0.028	mg/Kg-dry	1	3/21/2002
Benzo(a)pyrene	ND	0.028	mg/Kg-dry	1	
Benzo(b)fluoranthene	ND	0.028	mg/Kg-dry	1	3/21/2002
Benzo(g,h,i)perylene	ND	0.028	mg/Kg-dry	1	3/21/2002
Benzo(k)fluoranthene	ND	0.028	mg/Kg-dry	1	3/21/2002
Chrysene	ND	0.028	mg/Kg-dry	1	3/21/2002
Dibenz(a,h)anthracene	ND	0.028	mg/Kg-dry	1	3/21/2002
Fluoranthene	ND	0.028	mg/Kg-dry	1	3/21/2002
	ND	0.028	mg/Kg-dry	1	3/21/2002
Fluorene	ND	0.028	mg/Kg-dry	1	3/21/2002
Indeno(1,2,3-cd)pyrene	ND	0.028	mg/Kg-dry	1	3/21/2002
Naphthalene		0.028	mg/Kg-dry	1	3/21/2002
Phenanthrene	ND			1	3/21/2002
Pyrene	ND	0.028	mg/Kg-dry	1	J 11 200 -
Percent Moisture	D2	216	Prep Date:		Analyst: MH
Percent Moisture Percent Moisture	13.91	0.01	wt%	1	3/21/2002

B - Analyte detected in the associated Method Blank

^{* -} Value exceeds Maximum Contaminant Level

R - RPD outside accepted recovery limits

E - Value above quantitation range



# Request for Chemical Analysis and Chain of Custody Record

SINCE 1898														
Burns & McDonnell Engineering	Bi	Laborato	Laboratory: STA		3 3			:	Docu	Document Control No:	.oN :			
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Attention:		Telephone:	ig	312	1	733 0	12/2			DOIL	75 0004			
Project Number: 27 194-4.07	1-4.07						San	Sample Type	1	NOW.	7		\	
Site Name: PEDPLBS (FIR-POSES) PARK	JR- Coby	BCS P.	ļ	PART	Parce	ر ا		Matrix	to 190 sners	S S S S S S S S S S S S S S S S S S S				
Sample Number		Sample Event		! 01	1	Sample			dmuk stnoC	ST Died	\ \ \			
Group or Sample SWMU Name Point	Sample Designator	Round	Year	From		Date Time	e pil	ilo2 Gas	)   	No.	; <u>'</u>		Remarks	
(1e-cs-018	~	1	1			3/20/02 1415	5	×	7	×	-		COMPOSITE OO	
RPE-15-019		1	)		8, 31.	3/20/02/1420	25	0	7	>		9/	TO 27/20/10/	-
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Relinquished By (signame)	Dat	Date/Time	Received E	Received By (signature):		7 0	Date/Time	1	sent in C	Ice Present in Container:	Tempe	erature Upo	Temperature Upon Receipt: 3%	7
Relinquished By (signature):	Dat	Date/Time	Received By (signature):	3y (signature):	22	, o	Date/Time	1	Laboratory Comments:	ments:				
2.				***		_							S FOX GOM THE PER PROPERTY	7 3

Date: 21-Mar-02

CLIENT:

Burns & McDonnell

Work Order:

0203145

27104 4

27194-4.07, Peoples Gas-Rogers Park East Parcel

Project: Test No:

SW8270(SIM)

Matrix:

QC SUMMARY REPORT SURROGATE RECOVERIES

Sample ID	DCBZ12D4	NO2BZD5	PHEN2F	PHEND14		 	
MB-1914-PNA	49.3	50.9	75.0	114			
LCS-1914-PNA	64.9	70.3	89.8	108			
0203145-001A	47.1	37.3	85.0	950			
0203145-002A	62.5	44.9	111	99.8			

= 1,2-Dichlorobenzene-d4	20-130
= Nitrobenzene-d5	23-120
= 2-Fluorobiphenyl	30-115
= 4-Terphenyl-d14	18-137
	<ul><li>Nitrobenzene-d5</li><li>2-Fluorobiphenyl</li></ul>

^{*} Surrogate recovery outside acceptance limits

Date: March 21, 2002

Burns & McDonnell CLIENT:

0203145 Work Order:

27194-4.07, Peoples Gas-Rogers Park East Parcel Project:

# ANALYTICAL QC SUMMARY REPORT

BatchID: 1914

Sample ID: MB-1914-PNA	SampType: MBLK	TestCoc	estCode: PNA SOIL	Units: mg/Kg		Prep Date:	3/20/2002	2	Run ID: SV	Run ID: SVOC-2_020320A	¥.
Client ID: ZZZZZ	Batch ID: 1914	Testh	TestNo: SW8270(SIM)	(F	4	Analysis Date:	3/21/2002	~	SeqNo: 43896	396	
Analyte	Result	POL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene Acenaphthylene Anthracene Benz(a)anthracene Benzo(a)pyrene Benzo(b)fluoranthene Benzo(k)fluoranthene Chrysene Cluysene Cluoranthene Fluoranthene Fluoranthene Flyorene Indeno(1,2,3-cd)pyrene Naphthalene Phenanthrene Pyrene	모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모     모 <td>0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.025									
l ::	SampType: LCS	TestCo	TestCode: PNA_SOIL	Units: mg/Kg		Prep Date:	1	2	Run ID: SV	Run ID: SVOC-2_020320A	0 <b>A</b>
Client ID: ZZZZZ Analyte	Batch ID: 1914 Result	Testl PQL	TestNo: SW8270(SIM) QL SPK value SI	IM) SPK Ref Val	%REC	Analysis Date: LowLimit H	s: 3/21/2002 HighLimit R	)2 RPD Ref Val	SeqNo: 43897 %RPD F	897 RPDLimit	Qual
Acenaphthene	0.1177	0.025	0.167	0	70.5	30	130	0	0		
Acenaphthylene	0.16	0.025	0.167	0	95.8	30	130	0	0		
Anthracene	0.1397	0.025	0.167	0	83.6	30	130	0	0		
Benz(a)anthracene	0.14	0.025	0.167	0	83.8	30	130	0	0		
Benzo(a)pyrene	0.1343	0.025	0.167	0	80.4	30	130	0	0		
Benzo(b)fluoranthene	0.1317	0.025	0.167	0	78.8	30	130	0	0		
Benzo(g,h,i)perylene	0.08667	0.025	0.167	0	51.9	30	130	0	0		
Benzo(k)fluoranthene	0.1537	0.025	0.167	0	95	30	130	0	0		
Chrysene	0.1493	0.025	0.167	0	89.4	30	130	0	0		
Qualifiers: ND - Not De	ND - Not Detected at the Reporting Limit	To the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country of the lateral country	S - Spik	S - Spike Recovery outside accepted recovery limits	cepted reco	overy limits		B - Analyte detected in the associated Method Blank	ted in the assoc	nated Method	Blank

Page 1 of 2

R - RPD outside accepted recovery limits

J - Analyte detected below quantitation limits

ANALYTICAL QC SUMMARY REPORT

BatchID: 1914

Project: 27194-4.07, Peoples Gas-Rogers Park East Parcel

Burns & McDonnell

0203145

Work Order:

CLIENT:

Sample ID: LCS-1914-PNA	SampType: LCS	TestCoc	TestCode: PNA_SOIL	Units: mg/Kg		Prep Date	Prep Date: 3/20/2002		Run ID: SV	Run ID: SVOC-2_020320A	
Client ID: ZZZZZ	Batch ID: 1914	Testh	TestNo: SW8270(SIM)	W)	1	Analysis Date	Analysis Date: 3/21/2002		SeqNo: 43897	897	
Analyte	Result	Pal	SPK value SPK Ref Val	SPK Ref Val	%REC	LowLimit	%REC LowLimit HighLimit RPD Ref Val	ıf Val	%RPD	%RPD RPDLimit Qual	Qual
Dibenz(a,h)anthracene	0.1127	0.025	0.167	0	67.5	30	130	0	0		
Fluoranthene	0.1427	0.025	0.167	0	85.4	30	130	0	0		
Fluorene	0.1163	0.025	0.167	0	2.69	30	130	0	0		
Indeno(1,2,3-cd)pyrene	0.106	0.025	0.167	0	63.5	30	130	0	0		
Naphthalene	0.1143	0.025	0.167	0	68.5	30	130	0			
Phenanthrene	0.1067	0.025	0.167	0	63.9	30	130	0	0		
Pyrene	0.1427	0.025	0.167	0	85.4	30	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 2 of 2

APPENDIX H
TOPSOIL DOCUMENTATION
(Supplier Letter and Topsoil Analytical Results)





27194

DEGEIVED N APR 1 7 2002

Burns & McDonnell Oak Brook, IL

## Corporate Office:

8223 W. Lincoln Hwy. Frankfort, IL 60423 Phone: (815) 469-7400 Fax: (815) 469-7413 Toll Free: (800) 330-8930

Burns & McDonnell Attn: Ed Weise 2601 W. 22nd St. Oak Brook, IL 60523-1229

April 15, 2002

Re: Peoples Energy Sub/Shop Improvements Rogers Park, IL

Dear Ed,

This letter is to certify that to the best of my knowledge the topsoil source being used for the above referenced job is free from any harmful chemicals or contaminants and fulfills the requirements for good quality topsoil

Respectfully,

John Donahue

President

Complete Line of Nursery Items

Residential & Commercial Unilock Brick Paver Installation

Bundle Fire Wood

Water Softener Saft

Table H-1 Summary of Detected Constituents and Comparison with Tier 1 Remediation Objectives - Topsoil **Rogers Park East Parcel** 

	T.	Tier 1		Sample	ocation and Den	th (feet below oro	ound surface)/Conc	entration
		Remediation		RPE-TS-001	ocation and Dep	li (icet below gre	June Surrace), Goile	
	1	Objectives		13 15 701				
Compound/Analyte	Soil to GW	Ingestion	Inhalation	WT~NE				
Compound/Analyte	1001110011	_ mgcauon		CL VOCs (mg/kg	)	<u> </u>		
A	16	7,800	100,000	0.066 U				
Acetone Benzene	0.17	12	0.8	0.013 U				
Bromodichloromethane	0.17	10	3,000	0.013 U				
Bromoform	0.8	81	53	0.013 U				
Bromomethane	1.2	110	10	0.026 U				
2-Butanone				0.026 U				
Carbon disulfide	160	7,800	720	0.013 U				
Carbon tetrachloride	0.33	5	0.3	0.013 U				
Chlorobenzene	6.5	1,600	130	0.013 U			ļ <u> </u>	
Chloroethane				0.026 U				
Chloroform	2.9	100	0.3	0.013 U				
Chloromethane				0.013 U				
Dibromochloromethane	0.4	1,600	1,300	0.013 U			1	
1,1-Dichloroethane	110	7,800	1,300	0.013 U				<del> </del>
1,2-Dichloroethane	0.1	7	0.4	0.013 U			<del> </del>	
1,1-Dichloroethene	0.3	700	1,500	0.013 U	-	ļ	<del> </del>	
cis-1,2-Dichloroethene	1.1	780	1,200	0.013 U				
trans-1,2-Dichloroethene	3.4	1,600	3,100	0.013 U 0.013 U				
1,2-Dichloropropane	0.15	9	15					
cis-1,3-Dichloropropene	0.2	6.4	1.1	0.013 U		<u></u>	ļ	
trans-1,3-Dichloropropene	0.2	6.4	1.1	0.013 U				
Ethylbenzene	19	7,800	400	0.013 U				
2-Hexanone				0.026 U				
4-Methyl-2-pentanone				0.026 U				
Methylene chloride	0.2	85	13	0.026 U				
Styrene	18	16,000	1,500	0.013 U 0.013 U			-	
1,1,2,2-Tetrachloroethane				0.013 U				
Tetrachloroethene	0.3	12	11					
Toluene	29	16,000	650	0.013 U 0.013 U				
1,1,1-Trichloroethane	9.6		1,200 1,800	0.013 U				
1,1,2-Trichloroethane	0.3	310 58	1,800	0.013 U				
Trichloroethene Vinyl chloride	0.07	0.46	0.28	0.013 U				
Xylenes (Total)	150	160,000	320	0.013 U				
Aylenes (Total)	150	100,000		CL SVOCs (mg/k	<u>z)</u>	1.11	<u> </u>	
Bis(2-chloroethoxy)methane				0.4 U		T T		
Bis(2-chloroethyl)ether	0.004	0.6	0.2	0.4 U				
Bis(2-ethylhexyl)phthalate	31,000	46	31,000	0.4 U				
4-Bromophenyl phenyl ether				0.4 U				
Butyl benzyl phthalate	930	16,000	930	0.4 U				
Carbazole	2.8	32		0.4 U				ļ
4-Chloro-3-methylphenol				0.4 U				
4-Chloroaniline	0.7	310		0.4 U				
2-Chloronaphthalene				0.4 U				
2-Chlorophenol	4	390	53,000	0.4 U			ļ	
4-Chlorophenyl phenyl ether				0.4 U				
Dibenzofuran				0.4 U				
1,2-Dichlorobenzene	43	7,000	560	0.4 U				<u> </u>
1,3-Dichlorobenzene				0.4 U				
1,4-Dichlorobenzene	11		11,000	0.4 U			<b>_</b>	ļ
3,3'-Dichlorobenzidine	0.033	1		0.81 U				
2,4-Dichlorophenol	1	230		0.4 U				
Diethyl phthalate	470	63,000	2,000	0.4 U				
Dimethyl phthalate				0.4 U				
Di-n-butyl phthalate	2,300	7,800	2,300	0.4 U			<del> </del>	<del>                                     </del>
2,4-Dimethylphenol	9	1,600		0.4 U	L	L	<u> </u>	

- (1) U Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
- (2) J Indicates an estimated value.
- (3) -- Ioxicity criteria not available for exposure route (Illinios EPA 2001).
- (4) Metropolitan statistical area (MSA) background value for arsenic in place of Tier 1 screening level.
  (5) * No pH dependent value was available so the MSA background data was used.
- (6) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
- (7) Tier 1 inhalation objective for naphthalene pertains to construction worker scenario, because it is more stringent than residential scenario

1			

## Table H-1 Summary of Detected Constituents and Comparison with Tier 1 Remediation Objectives - Topsoil **Rogers Park East Parcel**

	1	Tier 1		Sample 1	ocation and Dep	th (feet below gro	ound surface)/Conc	entration
	1	Remediation		RPE-TS-001	1			
		Objectives			[			
Compound/Analyte	Soil to GW	Ingestion	Inhalation	WT ~ NE				
<u> </u>			TCL SV	OCs (mg/kg) - Co	ontinued	-		
4,6-Dinitro-2-methylphenol				2 U				
2,4-Dinitrophenol	0.2	160		2 U				
2,4-Dinitrotoluene	0.0008	0.9		0.4 U				
2,6-Dinitrotoluene	0.0007	0.9		0.4 U				
Di-n-octyl phthalate	10,000	1,600	10,000	0.4 U				
Hexachlorobenzene	11	0.4	1	0.4 U				
Hexachlorobutadiene		-		0.4 U				
Hexachlorocyclopentadiene	2,200	550	10	0.4 U				
Hexachloroethane	2.6	78		0.4 U				
Isophorone	8	15,600	4,600	0.4 U				
2-Methylnaphthalene				0.4 U		ļ		
2-Methylphenol	15	3,900		0.4 U				
4-Methylphenol				0.4 U			ļ	
2-Nitroaniline				2 U				
3-Nitroaniline				2 U			-	
4-Nitroaniline				2 U			<del> </del>	
Nitrobenzene	0.1	39	92	0.4 U			<del></del>	
2-Nitrophenol				2 U		<u> </u>	1	
4-Nitrophenol				2 U			<del> </del>	
N-Nitrosodi-n-propylamine	0.00005	0.09		0.4 U				
N-Nitrosodiphenylamine	5.6	130		0.4 U				<del></del>
2, 2'-oxybis(1-Chloropropane)				0.4 U				
Pentachlorophenol	0.14	3		2 U				
Phenol	100	47,000		0.4 U				
1,2,4-Trichlorobenzene	53	780	3,200	0.4 U				
2,4,6-Trichlorophenol	0.77	58	200	0.4 U				
2,4,5-Trichlorophenol	1,400	7,800		0.81 U	L			<u> </u>
				PAHs (mg/kg)				
Acenaphthene	2,900	4,700		0.031 U				
Acenaphthylene				0.031 U				
Anthracene	59,000	23,000		0.031 U				
Benz(a)anthracene	8	0.9		0.031 U				
Benzo(b)fluoranthene	25	0.9	<u> </u>	0.031 U				
Benzo(k)fluoranthene	250	9		0.031 U			ļ	
Benzo(a)pyrene	82	0.09		0.031 U				
Benzo(g,h,i)perylene				0.031 U				
Chrysene	800	88		0.031 U			<del>                                     </del>	
Dibenz(a,h)anthracene	7.6	0.09		0.031 U				
Fluoranthene	21,000	3,100	<del></del>	0.031 U		<del> </del>	-	
Fluorene	2,800	3,100		0.031 U			-	
Indeno(1,2,3-cd)pyrene	69	0.9	1.0	0.031 U		<del> </del>		<del> </del>
Naphthalene	18	1,600	1.8	0.031 U 0.031 U			<del> </del>	
Phenanthrene	21,000	2,300		0.031 U				
Pyrene	21,000	4,300		Pesticides (mg/kg)		1	1	-
1.17000	90	_ , _	1	0.004 U		1		1
4,4′-DDD	80	3	<del></del>			<del> </del>	1	
4,4′-DDE	270	2		0.004 U 0.004 U			<del> </del>	
4,4′-DDT	160	2				-	-	
Aldrin	2.5	0.04	3	0.002 U			+	
alpha-BHC	0.003	0.1	0.8	0.002 U		-	<del> </del>	
alpha-Chlordane				0.002 U 0.002 U		<del> </del>	<del>                                     </del>	
beta-BHC		1.0	72	0.002 U				
Chlordane	48	1.8		0.098 U		<del>                                     </del>	<del>                                     </del>	
delta-BHC	0.02	0.04	1	0.002 U 0.0074 U		<b> </b>		1
Dieldrin Endosulfan I	90	470		0.0074 U				
Endosulian I		7/0	لــــــــــــــــــــــــــــــــــــــ	0.302 0		<u> </u>		**************************************

- (1) U Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
- (2) J Indicates an estimated value.
- (3) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
- (4) Metropolitan statistical area (MSA) background value for arsenic in place of Tier 1 screening level (5) * No pH dependent value was available so the MSA background data was used
- (6) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway.
- (7) Tier 1 inhalation objective for naphthalene pertains to construction worker scenario, because it is more stringent than residential scenario

## Table H-1 Summary of Detected Constituents and Comparison with Tier 1 Remediation Objectives - Topsoil Rogers Park East Parcel

	<del>-  </del>	Tier 1		Sample	ocation and Dep	th (feet below gro	und surface)/Conc	entration
	∥ ,	Remediation		RPE-TS-001	Sociation and Dept			
	1 '	Objectives		14 15 15 001				
G 1/4 -1 4:	Soil to GW	Ingestion	Inhalation	WT~NE				
Compound/Analyte		nigestion	$\overline{}$	des (mg/kg) - Cor	tinued	I		
			Pesucio		imueu	T	T	
Endosulfan II				0.004 U 0.004 U				
Endosulfan sulfate								
Endrin	5	23		0.004 U				
Endrin aldehyde				0.004 U				
Endrin ketone	<u> </u>			0.004 U	<b></b>		<del> </del>	
gamma-BHC	0.047	0.5		0.002 U				
gamma-Chlordane				0.002 U				
Heptachlor	110	0.1	0.1	0.002 U 0.0049 U			ļ	
Heptachlor epoxide	3.3	0.07	5		ļ			
Methoxychlor	780	390		0.02 U			<u> </u>	
Toxaphene	150	0.6	89	0.12 U	(	L	1	<u> </u>
				rinated biphenyls	(mg/kg)	<del>r</del>	T' 3x	ř –
Aroclor 1016		1		0.098 U			<del> </del>	
Aroclor 1221		1		0.098 U				
Aroclor 1232		1		0.098 U			-	ļ
Aroclor 1242		1		0.098 U				
Aroclor 1248		1		0.098 U			<del></del>	
Aroclor 1254		1		0.2 U				
Aroclor 1260		1		0.2 U	<u> </u>	L	<u> </u>	<u> </u>
			ŀ	lerbicides (mg/kg	)			
2,4,5-TP (Silvex)	55	630		0.0143 U				
2,4-D	7.7	780		0.0121 U				<u> </u>
			T.	AL Metals (mg/k	g)			
Arsenic	130	13	750	4.2				
Barium	2,100	5,500	690,000	140				
Beryllium	1,000,000	160	1,300	0.59 U				
Cadmium	4,300	78	1,800	0.59 U				
Calcium	9,300			2,900				
Chromium**	28	230	270	15				
Cobalt*	8.9	4,700		5.8				
Copper	330,000	2,900		10				
Iron*	15,900			14,000				
Lead*	36	400		18				
Mercury	40	23	10	0.04				
Magnesium*	4,820			2,400				
Manganese*	636	3,700	69,000	600	<del></del>			
Manganese* Nickel	76,000	1,600	13,000	11	<del>                                     </del>	l —		
Nickei Potassium*	1,268	1,000	13,000	1,400	<del> </del>	<u> </u>		
Selenium	2.4	390		1,400 1.2 U				
Silver*	0.55	390		1.2 U				
Sodium*	130			59 U				
Thallium	38	6.3		1.2 U				
Vanadium**	980	550		27				
Zinc*	110,000	23,000		49				
	120	1,600		0.71				
Cyanide	120	1,000	لـــــــــــــــــــــــــــــــــــــ	Miscellaneous				· · · · · · · · · · · · · · · · · · ·
					T	T		T
рН				8.2 20.74			<del>                                     </del>	
Percent Moisture				40.74		<u> </u>		<del>'</del>

## NOTES:

- $(1)\ U\ -\ Indicates\ compound/analyte\ was\ analyzed\ for\ but\ not\ detected,\ the\ associated\ value\ is\ the\ sample\ reporting\ limit.$
- (2) J Indicates an estimated value
- (3) -- Toxicity criteria not available for exposure route (Illinios EPA 2001).
- (4) Metropolitan statistical area (MSA) background value for arsenic in place of Tier 1 screening level
- (5) * No pH dependent value was available so the MSA background data was used
- (6) ** No pH dependent Class II value was available therefore the Class I value was used to evaluate this pathway
- (7) Tier 1 inhalation objective for naphthalene pertains to construction worker scenario, because it is more stringent than residential scenario